# 2007 Odyssey

Owner's Manual (Unlinked)

This document does not contain hyperlinks and may be formatted for printing instead of web us. This is due to changes in content and specifications of the vehicle that happen throughout the model year. This manual will be replaced with a hyperlinked version at the end of the model year.  $\bigcirc$  2006 Honda Motor Co., Ltd.  $\boxed{P/N 31SHJ620}$ 



# **Owner's Identification**

OWNER		
ADDRESS	STREET	
CITY V. I. N	STATE/PROVINCE	ZIP CODE/ POSTAL CODE
DELIVERY DATE	(Date sold to original retail purcl	haser)
DEALER NAME	DEALER NO	
ADDRESS	STREET	
CITY  OWNER'S SIGNATURE _	STATE/PROVINCE	ZIP CODE/ POSTAL CODE
DEALER'S SIGNATURE _		

This owner's manual should be considered a permanent part of the vehicle and should remain with the vehicle when it is sold.

This owner's manual covers all models of the Odyssey. You may find descriptions of equipment and features that are not on your particular model.

The information and specifications included in this publication were in effect at the time of approval for printing. Honda Motor Co., Ltd. reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.

POUR CLIENTS CANADIEN AVIS IMPORTANT: Si vous avez besoin d'un Manuel du Conducteur en français, veuillez demander à votre concessionnaire de commander le numéro de pièce 33SHJC20



#### Introduction

Congratulations! Your selection of a 2007 Honda Odyssey was a wise investment. It will give you years of driving pleasure.

One of the best ways to enhance the enjoyment of your new Honda is to read this manual. In it, you will learn how to operate its driving controls and convenience items. Afterwards, keep this owner's manual in your vehicle so you can refer to it at any time.

Several warranties protect your new Honda. Read the warranty booklet thoroughly so you understand the coverages and are aware of your rights and responsibilities.

Maintaining your vehicle according to the schedules given in this manual helps to keep your driving trouble-free while it preserves your investment. When your vehicle needs maintenance, keep in mind that your Honda dealer's staff is specially trained in servicing the many systems unique to your Honda. Your Honda dealer is dedicated to your satisfaction and will be pleased to answer any questions and concerns.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your Honda, other property, or the environment.





# Introduction

#### California Proposition 65 Warning

**WARNING:** This product contains or emits chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

#### **Event Data Recorders**

This vehicle is equipped with one or more devices commonly referred to as event data recorders. These devices record front seat belt use, front passenger seat occupancy, airbag deployment data, and the failure of any airbag system component. This data belongs to the vehicle owner and may not be accessed by anyone else except as legally required or with the permission of the vehicle owner.

#### Service Diagnostic Recorders

This vehicle is equipped with service-related devices that record information about powertrain performance. The data can be used to verify emissions law requirements and/or help technicians diagnose and solve service problems. It may also be combined with data from other sources for research purposes, but it remains confidential and is never linked to the vehicle owner.





# A Few Words About Safety

Your safety, and the safety of others, is very important. And operating this vehicle safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your vehicle. You must use your own good judgement.

You will find this important safety information in a variety of forms, including:

- **Safety Labels** on the vehicle.
- Safety Messages preceded by a safety alert symbol and one of three signal words: DANGER, WARNING, or CAUTION.
   These signal words mean:



- Safety Headings such as Important Safety Reminders or Important Safety Precautions.
- Safety Section such as Driver and Passenger Safety.
- **Instructions** how to use this vehicle correctly and safely.

This entire book is filled with important safety information — please read it carefully.





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# **Overview of Contents**

#### Contents

A convenient reference to the sections in this manual.

Your Vehicle at a Glance A quick reference to the main controls in your vehicle.

Driver and Passenger Safety Important information about the proper use and care of your vehicle's seat belts, an overview of the supplemental restraint system, and valuable information on how to protect children with child restraints.

# Instruments and Controls Explains the purpose of each instrument panel indicator and gauge, and how to use the controls on the dashboard and steering column.

#### **Features**

How to operate the heating and cooling system/climate control system, the audio system, rear entertainment and other convenience features.

#### **Before Driving**

What gasoline to use, how to breakin your new vehicle, and how to load luggage and other cargo.

#### **Driving**

The proper way to start the engine, shift the transmission, and park; plus what you need to know if you're planning to tow a trailer.

#### Maintenance

The maintenance minder shows you when you need to take your vehicle to the dealer for maintenance service. There is also a list of things to check and instructions on how to check them.

#### Taking Care of the Unexpected This section covers several problems motorists sometimes experience, and details how to handle them

#### **Technical Information**

ID numbers, dimensions, capacities, and technical information.

#### Warranty and Customer Relations (U.S. and Canada only)

À summary of the warranties covering your new Honda, and how to contact us for any reason. Refer to your warranty manual for detailed information.

# Authorized Manuals (U.S. only)

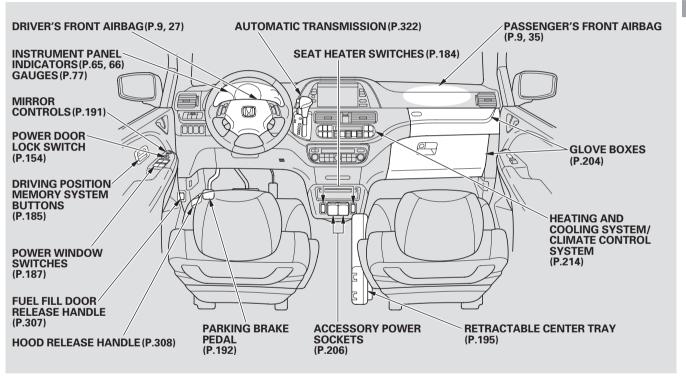
How to order manuals and other technical literature

#### Index

#### **Service Information Summary**

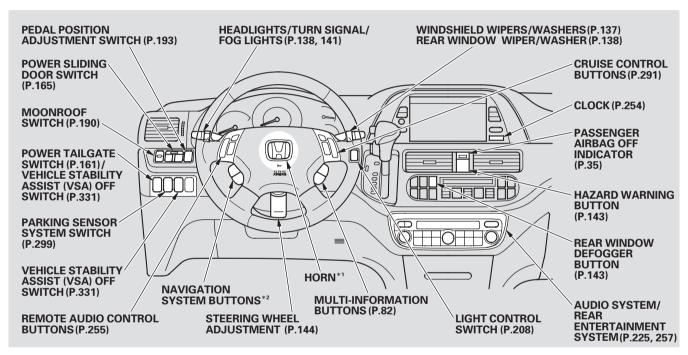
A summary of the information you need when you pull up to the fuel pump.







# Your Vehicle at a Glance



- floor1: To use the horn, press the pad around the "H" logo.
- \*2: Only on vehicles equipped with navigation system. Refer to the navigation system manual.



# **Driver and Passenger Safety**

This section gives you important
information about how to protect
yourself and your passengers. It
shows you how to use seat belts. It
explains how your airbags work. And
it tells you how to properly restrain
infants and children in your vehicle.

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# **Important Safety Precautions**

You'll find many safety recommendations throughout this section, and throughout this manual. The recommendations on this page are the ones we consider to be the most important.

#### **Always Wear Your Seat Belt**

A seat belt is your best protection in all types of collisions. Airbags are designed to supplement seat belts, not replace them. So even though your vehicle is equipped with airbags, make sure you and your passengers always wear your seat belts, and wear them properly (see page 15).

#### Restrain All Children

Children age 12 and under should ride properly restrained in a back seat, not the front seat. Infants and small children should be restrained in a child seat. Larger children should use a booster seat and a lap/shoulder belt until they can use the belt properly without a booster seat (see pages 38 — 59).

#### Be Aware of Airbag Hazards

While airbags can save lives, they can cause serious or fatal injuries to occupants who sit too close to them, or are not properly restrained. Infants, young children, and short adults are at the greatest risk. Be sure to follow all instructions and warnings in this manual.

#### **Don't Drink and Drive**

Alcohol and driving don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and drive, and don't let your friends drink and drive, either.

#### **Control Your Speed**

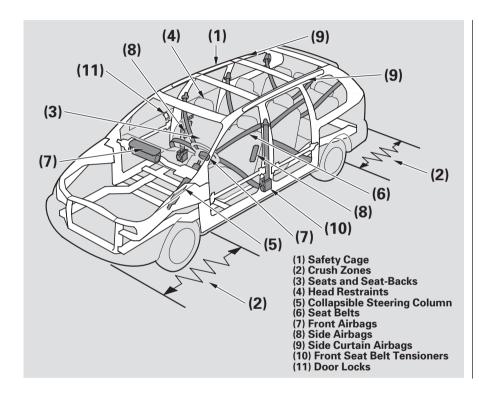
Excessive speed is a major factor in crash injuries and deaths. Generally, the higher the speed, the greater the risk, but serious injuries can also occur at lower speeds. Never drive faster than is safe for current conditions, regardless of the maximum speed posted.

# **Keep Your Vehicle in Safe Condition**

Having a tire blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check your tire pressures and condition frequently, and perform all regularly scheduled maintenance (see page 347).







Your vehicle is equipped with many features that work together to protect you and your passengers during a crash.

Some features do not require any action on your part. These include a strong steel framework that forms a safety cage around the passenger compartment, front and rear crush zones, a collapsible steering column, and tensioners that tighten the front seat belts in a crash.

However, you and your passengers can't take full advantage of these features unless you remain sitting in a proper position and *always wear your seat belts*. In fact, some safety features can contribute to injuries if they are not used properly.

The following pages explain how you can take an active role in protecting yourself and your passengers.



#### **Seat Belts**

Your vehicle is equipped with seat belts in all seating positions.

Your seat belt system also includes an indicator on the instrument panel and a beeper to remind you and your passengers to fasten your seat belts.

#### Why Wear Seat Belts

Seat belts are the single most effective safety device for adults and larger children. (Infants and smaller children must be properly restrained in child seats.)

Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even though your vehicle has airbags.

In addition, most states and all Canadian provinces require you to wear seat belts.

#### **AWARNING**

Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even though your vehicle has airbags.

Be sure you and your passengers always wear seat belts and wear them properly.

When properly worn, seat belts:

- Keep you connected to the vehicle so you can take advantage of the vehicle's built-in safety features.
- Help protect you in almost every type of crash, including frontal, side, and rear impacts and rollovers.

- Help keep you from being thrown against the inside of the vehicle and against other occupants.
- Keep you from being thrown out of the vehicle.
- Help keep you in a good position should the airbags ever deploy. A good position reduces the risk of injury from an inflating airbag and allows you to get the best advantage from the airbag.

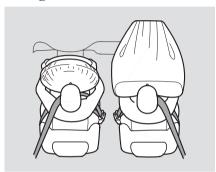
Of course, seat belts cannot completely protect you in every crash. But in most cases, seat belts can reduce your risk of serious injury.

What you should do: Always wear your seat belt, and make sure you wear it properly.

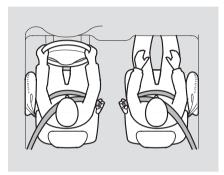




#### **Airbags**



Your vehicle has a supplemental restraint system (SRS) with front airbags to help protect the heads and chests of the driver and a front seat passenger during a moderate to severe frontal collision (see page 27 for more information on how your front airbags work).



Your vehicle also has side airbags to help protect the upper torso of the driver or a front seat passenger during a moderate to severe side impact (see page 31 for more information on how your side airbags work).



In addition, your vehicle has side curtain airbags to help protect the heads of the driver, front passenger, and passengers in the outer rear seating positions during a moderate to severe side impact or rollover (see page 33 for more information on how your side curtain airbags work).

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Driver and Passenger Safety



The most important things you need to know about your airbags are:

- Airbags do not replace seat belts.

  They are designed to supplement the seat belts.
- Airbags offer no protection in rear impacts, or minor frontal or side collisions.
- Airbags can pose serious hazards. To do their job, airbags must inflate with tremendous force. So while airbags help save lives, they can cause minor injuries or more serious or even fatal injuries if occupants are not properly restrained or sitting properly.

What you should do: Always wear your seat belt properly, and sit upright and as far back from the steering wheel as possible while allowing full control of the vehicle. A front passenger should move their seat as far back from the dashboard as possible.

The rest of this section gives more detailed information about how you can maximize your safety.

Remember, however, that no safety system can prevent all injuries or deaths that can occur in a severe crash, even when seat belts are properly worn and the airbags deploy.



#### Introduction

The following pages provide instructions on how to properly protect the driver, adult passengers, and teenage children who are large enough and mature enough to drive or ride in the front.

See pages 38 - 42 for important guidelines on how to properly protect infants, small children, and larger children who ride in your vehicle.

1. Close and Lock the Doors After everyone has entered the vehicle, be sure the doors and the tailgate are closed and locked.

tailgate is not tightly closed.



Your vehicle has a door and tailgate monitor indicator on the instrument panel to indicate when a specific door or the On Touring models



The door and tailgate open monitor appears on the multi-information display to indicate when a specific door or the tailgate is not tightly closed.

**CONTINUED** 

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Driver and Passenger Safety



When one or more doors are not tightly closed, the "DOOR OPEN" message will come on.

When the tailgate is not tightly closed, the "TAILGATE OPEN" message will come on.

When both tailgate and one or more doors are not tightly closed, the "DOOR & TAILGATE OPEN" message will come on.

Locking the doors and the tailgate reduces the chance of someone being thrown out of the vehicle during a crash, and it helps prevent passengers from accidentally opening a door or the tailgate and falling out.

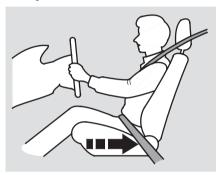
Locking the doors and the tailgate also helps prevent an outsider from unexpectedly opening a door or the tailgate when you come to a stop.

See page 154 for how to lock the doors and the tailgate, and page 75 for how the door and tailgate monitor indicator works

On LX, EX and EX-L models
This vehicle has auto door locking/
unlocking features. See page 155 for
how to set them.

On Touring models
This vehicle has auto door locking/unlocking features. See pages
126 and 128 for how to set them.

#### 2. Adjust the Front Seats



Adjust the driver's seat as far to the rear as possible while allowing you to maintain full control of the vehicle. Have a front passenger adjust their seat as far to the rear as possible.





If you sit too close to the steering wheel or dashboard, you can be seriously injured by an inflating front airbag, or by striking the steering wheel or dashboard.

The National Highway Traffic Safety Administration and Transport Canada recommend that drivers allow at least 10 inches (25 cm) between the center of the steering wheel and the chest. In addition to adjusting the seat, you can adjust the steering wheel up and down, and in and out (see page 144).

If you cannot get far enough away from the steering wheel and still reach the controls, we recommend that you extend the adjustable driver's foot pedals (Touring models only, see page 193), or investigate whether some type of adaptive equipment may help.

# **AWARNING**

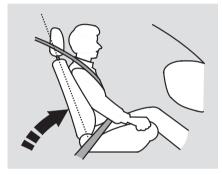
Sitting too close to a front airbag can result in serious injury or death if the front airbags inflate.

Always sit as far back from the front airbags as possible.

After you adjust a manual seat, rock it back and forth to make sure the seat is locked in position.

See pages 171 and 172 for how to adjust the front seats.

#### 3. Adjust the Seat-Backs



**Driver and Passenger Safety** 

Adjust the driver's seat-back to a comfortable, upright position, leaving ample space between your chest and the airbag cover in the center of the steering wheel.

Passengers with adjustable seatbacks should also adjust their seatback to a comfortable, upright position.

CONTINUED



# **AWARNING**

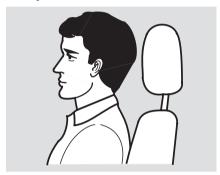
Reclining the seat-back too far can result in serious injury or death in a crash.

Adjust the seat-back to an upright position, and sit well back in the seat.

Reclining a seat-back so that the shoulder part of the belt no longer rests against the occupant's chest reduces the protective capability of the belt. It also increases the chance of sliding under the belt in a crash and being seriously injured. The farther a seat-back is reclined, the greater the risk of injury.

See pages 171 and 173 for how to adjust the seat-backs.

#### 4. Adjust the Head Restraints



Adjust the driver's head restraint so the back of your head rests against the center of the restraint.

Have passengers adjust their head restraints properly as well. Taller persons should adjust their restraint as high as possible.

# **AWARNING**

Improperly positioning head restraints reduces their effectiveness and you can be seriously injured in a crash.

Make sure head restraints are in place and positioned properly before driving.

Properly adjusted head restraints will help protect occupants from whiplash and other crash injuries.

See page 174 for how to adjust the head restraints.



# 5. Fasten and Position the Seat Belts

Insert the latch plate into the buckle, then tug on the belt to make sure the belt is securely latched. Check that the belt is not twisted, because a twisted belt can cause serious injuries in a crash.

The center seating position of the third row has a detachable seat belt that can be unlatched and retracted into the ceiling to allow the seat to be folded down. See page 16 for how to unlatch and relatch the seat belt.

The plus-one seat on EX and EX-L models that can be installed in the center seating position of the second row also has a detachable seat belt anchor.



Position the lap part of the belt as low as possible across your hips, then pull up on the shoulder part of the belt so the lap part fits snugly. This lets your strong pelvic bones take the force of a crash and reduces the chance of internal injuries.

If necessary, pull up on the belt again to remove any slack, then check that the belt rests across the center of your chest and over your shoulder. This spreads the forces of a crash over the strongest bones in your upper body.

#### **AWARNING**

Improperly positioning the seat belts can cause serious injury or death in a crash.

Make sure all seat belts are properly positioned before driving.

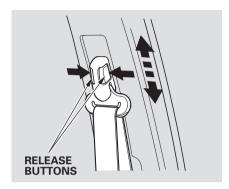
If the seat belt touches or crosses your neck, or if it crosses your arm instead of your shoulder, you need to adjust the seat belt anchor height.

**CONTINUED** 

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Driver and Passenger Safety





The front seats and second row seats have adjustable seat belt anchors. To adjust the height of an anchor, squeeze the two release buttons, and slide the anchor up or down as needed (it has four positions).

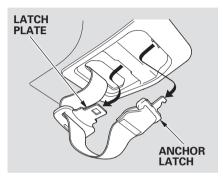
Never place the shoulder portion of a lap/shoulder belt under your arm or behind your back. This could cause very serious injuries in a crash.

If a seat belt does not seem to work as it should, it may not protect the occupant in a crash.

No one should sit in a seat with an inoperative seat belt. Using a seat belt that is not working properly can result in serious injury or death. Have your dealer check the belt as soon as possible.

See page 21 for additional information about your seat belts and how to take care of them.

Using the Lap/Shoulder Belt in the Center Position of the Third Row

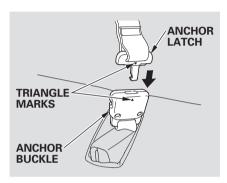


The plus-one seat on EX and EX-L models that can be installed in the center seating position of the second row also has a detachable seat belt anchor.

Pull out the anchor latch and the latch plate from the holding slots in the ceiling, and pull out the seat belt to extend it.





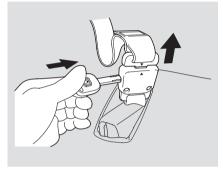


Insert the hook at the end of the anchor latch into the anchor buckle by lining up the triangle marks on the anchor latch and buckle. Make sure the belt is not twisted. Push the anchor latch until it locks. Then follow the procedure for fastening and positioning an ordinary seat belt (see page 15).

# **AWARNING**

Using a seat belt with the detachable seat belt anchor unlatched increases the chance of serious injury or death in a crash.

Before using the seat belt, make sure the detachable seat belt anchor is correctly latched.



**Driver and Passenger Safety** 

To unlatch the detachable anchor, insert a key into the slot on the side of the small buckle. Line up the triangle marks on the plate and buckle when reattaching the belt and buckle.



# 6.Maintain a Proper Sitting Position

After all occupants have adjusted their seats and put on seat belts, it is very important that they continue to sit upright, well back in their seats, with their feet on the floor, until the vehicle is parked and the engine is off.

Sitting improperly can increase the chance of injury during a crash. For example, if an occupant slouches, lies down, turns sideways, sits forward, leans forward or sideways, or puts one or both feet up, the chance of injury during a crash is greatly increased.

In addition, an occupant who is out of position in the front seat can be seriously or fatally injured in a crash by striking interior parts of the vehicle or being struck by an inflating front airbag.

# **AWARNING**

Sitting improperly or out of position can result in serious injury or death in a crash.

Always sit upright, well back in the seat, with your feet on the floor.



#### **Advice for Pregnant Women**



If you are pregnant, the best way to protect yourself and your unborn child when driving or riding in a vehicle is to always wear a seat belt, and keep the lap part of the belt as low as possible across the hips.

When driving, remember to sit upright and adjust the seat as far back as possible while allowing full control of the vehicle. When riding as a front passenger, adjust the seat as far back as possible.

This will reduce the risk of injuries to both you and your unborn child that can be caused by a crash or an inflating front airbag.

Each time you have a checkup, ask your doctor if it's okay for you to drive.

#### **Additional Safety Precautions**

- Never let passengers ride in the cargo area or on top of a folded-down back seat. If they do, they could be very seriously injured in a crash.
- Passengers should not stand up or change seats while the vehicle is moving. A passenger who is not wearing a seat belt during a crash or emergency stop can be thrown against the inside of the vehicle, against other occupants, or out of the vehicle.
- Two people should never use the same seat belt. If they do, they could be very seriously injured in a crash.

CONTINUED



- *Do not put any accessories on seat belts.* Devices intended to improve occupant comfort or reposition the shoulder part of a seat belt can reduce the protective capability of the belt and increase the chance of serious injury in a crash.
- Do not place hard or sharp objects between yourself and a front airbag. Carrying hard or sharp objects on your lap, or driving with a pipe or other sharp object in your mouth, can result in injuries if your front airbag inflates.
- Keep your hands and arms away from the airbag covers. If your hands or arms are close to an airbag cover, they could be injured if the airbag inflates.

- *Do not attach or place objects on the front airbag covers.* Objects on the covers marked "SRS AIRBAG" could interfere with the proper operation of the airbags or be propelled inside the vehicle and hurt someone if the airbags inflate.
- Do not attach hard objects on or near a door. If a side airbag or a side curtain airbag inflates, a cup holder or other hard object attached on or near the door could be propelled inside the vehicle and hurt someone.



Seat Belt System Components Your seat belt system includes lap/ shoulder belts in all five seating positions. The front seat belts are also equipped with automatic seat belt tensioners.

This system uses the same sensors as the front airbags to monitor whether the front seat belts are latched or unlatched, and how much weight is on the front passenger's seat (see pages 30 and 31).

The seat belt system includes an indicator on the instrument panel and a beeper to remind you and your passengers to fasten your seat belts.

This system monitors the front seat belts. If you turn the ignition switch to the ON (II) position before your seat belt is fastened, the beeper will sound and the indicator will flash. If your seat belt is not fastened before the beeper stops, the indicator will stop flashing but remain on.

If a front passenger does not fasten their seat belt, the indicator will come on about 6 seconds after the ignition switch is turned to the ON (II) position. If either the driver or a front passenger does not fasten their seat belt while driving, the beeper will sound and the indicator will flash again at regular intervals.

On Touring model You will also see a "FASTEN SEAT BELT" or "FASTEN PASSENGER SEAT BELT" message on the multiinformation display (see page 88).

When no one is sitting in the front passenger's seat, or a child or small adult is riding there, the indicator should not come on and the beeper should not sound.

**CONTINUED** 



If the indicator comes on or the beeper sounds when the driver's seat belt is latched and there is no front seat passenger and no items on the front seat, something may be interfering with the monitoring system. Look for and remove:

- Any items under the front passenger's seat.
- Any objects hanging on the seat or in the seat-back pocket.
- Any objects, such as a folded-down second row seat, that is touching the rear of the seat-back.

If no obstructions are found, have your vehicle checked by a dealer.

#### Lap/Shoulder Belt

The lap/shoulder belt goes over your shoulder, across your chest, and across your hips.

To fasten the belt, insert the latch plate into the buckle, then tug on the belt to make sure the buckle is latched (see page 14 for how to properly position the belt).

To unlock the belt, press the red PRESS button on the buckle. Guide the belt across your body so that it retracts completely. After exiting the vehicle, be sure the belt is out of the way and will not get closed in the door.

All seat belts have an emergency locking retractor. In normal driving, the retractor lets you move freely in your seat while it keeps some tension on the belt. During a collision or sudden stop, the retractor automatically locks the belt to help restrain your body.

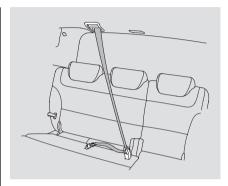
The seat belts in all positions except the driver's have an additional lockable retractor that must be activated to secure a child seat (see page 52).





If the shoulder part of the belt is pulled all the way out, the lockable retractor will activate. The belt will retract, but it will not allow the passenger to move freely.

To deactivate the lockable retractor, unlatch the buckle and let the seat belt fully retract. To refasten the seat belt, pull it out only as far as needed.



The lap/shoulder belt in the center seating position on the third seat and the stowable second row plus-one seat (depending on models) is equipped with a detachable anchor that has two parts: a small latch plate and an anchor buckle.

The detachable seat belt should normally be latched whenever the seat-backs are in an upright position. For more information about the detachable seat belt, see page 15.

#### **Automatic Seat Belt Tensioners**



For added protection, the front seat belts are equipped with automatic seat belt tensioners. When activated, the tensioners immediately tighten the belts to help hold the driver and a front passenger in position.

CONTINUED

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Driver and Passenger Safety



The tensioners are designed to activate in any collision severe enough to cause the front airbags to deploy, or if a sensor detects your vehicle is about to roll over (see page 33 ).

If a side airbag or side curtain airbag deploys during a side impact, the tensioner on that side of the vehicle will also deploy.

The tensioners can also be activated during a collision in which the front airbags *do not deploy*. In this case, the airbags would not be needed, but the additional restraint could be helpful.

When the tensioners are activated, the seat belts will remain tight until they are unbuckled.

#### **Seat Belt Maintenance**

For safety, you should check the condition of your seat belts regularly.

Pull each belt out fully, and look for frays, cuts, burns, and wear. Check that the latches work smoothly and the belts retract easily. If a belt does not retract easily, cleaning the belt may correct the problem (see page 378). Any belt that is not in good condition or working properly will not provide good protection and should be replaced as soon as possible.

Honda provides a limited warranty on seat belts. See your *Honda Warranty Information* booklet for details. If a seat belt is worn during a crash, it must be replaced by the dealer. A belt that has been worn during a crash may not provide the same level of protection in a subsequent crash.

The dealer should also inspect the anchors for damage and replace them if needed. If the automatic seat belt tensioners activate during a crash, they must be replaced.

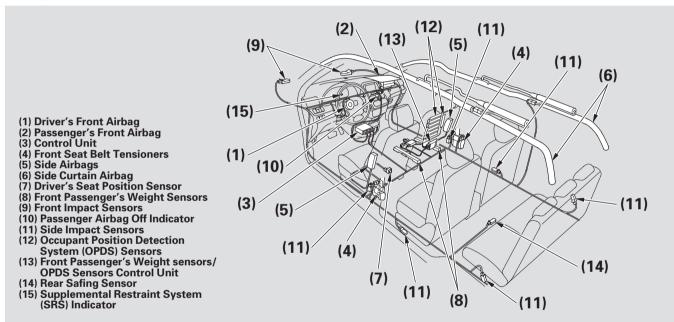
#### **AWARNING**

Not checking or maintaining seat belts can result in serious injury or death if the seat belts do not work properly when needed.

Check your seat belts regularly and have any problem corrected as soon as possible.



# **Airbag System Components**



**CONTINUED** 

25

Driver and Passenger Safety



Your airbag system includes:

- Two SRS (supplemental restraint system) front airbags. The driver's airbag is stored in the center of the steering wheel; the front passenger's airbag is stored in the dashboard. Both are marked "SRS AIRBAG" (see page 27).
- Two side airbags, one for the driver and one for a front passenger. The airbags are stored in the outer edges of the seatbacks. Both are marked "SIDE AIRBAG" (see page 31).
- Two side curtain airbags, one for each side of the vehicle. The airbags are stored in the ceiling, above the side windows. The front and rear pillars are marked "SIDE CURTAIN AIRBAG" (see page 33).
- Automatic front seat belt tensioners (see page 23).
- Sensors that can detect a moderate to severe front impact, side impact, or if your vehicle is about to rollover.
- Sensors that can detect whether a child is in the passenger's side airbag path and signal the control unit to turn the airbag off (see page 32).

- Sensors that can detect whether the driver's seat belt and a front passenger's seat belt is latched or unlatched (see page 21).
- A driver's seat position sensor that monitors the distance of the seat from the front airbag. If the seat is too far forward, the airbag will inflate with less force (see page 30).
- Weight sensors that monitor the weight on the front passenger's seat. If the weight is about 65 lbs (29 kg) or less (the weight of an infant or small child), the passenger's front airbag will be turned off (see page 30).

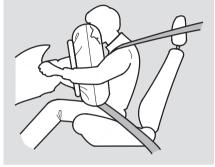




- A rollover sensor that can detect if your vehicle is about to roll over and signal the control unit to deploy both side curtain airbags and front seat belt tensioners (see page 33).
- A sophisticated electronic system that continually monitors and records information about the sensors, the control unit, the airbag activators, the seat belt tensioners, and driver and front passenger seat belt use when the ignition switch is in the ON (II) position.
- An indicator on the instrument panel that alerts you to a possible problem with your airbags, sensors, or seat belt tensioners (see page 34).

- An indicator on the instrument panel that alerts you that the passenger's side airbag has been turned off (see page 35).
- An indicator on the dashboard that alerts you that the passenger's front airbag has been turned off (see page 35).
- Emergency backup power in case your vehicle's electrical system is disconnected in a crash.

#### **How Your Front Airbags Work**



Driver and Passenger Safety

If you ever have a moderate to severe frontal collision, sensors will detect the vehicle's rapid deceleration.

If the rate of deceleration is high enough, the control unit will instantly inflate the driver's and front passenger's airbags, at the time and with the force needed.

CONTINUED



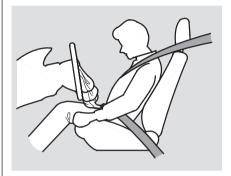


During a frontal crash, your seat belt restrains your lower body and torso, and the airbag helps protect your head and chest.

Although both airbags normally inflate within a split second of each other, it is possible for only one airbag to deploy.

This can happen if the severity of a collision is at the margin, or threshold, that determines whether or not the airbags will deploy. In such cases, the seat belt will provide sufficient protection, and the supplemental protection offered by the airbag would be minimal.

Only the driver's airbag can deploy if there is no passenger in the front seat, or if the advanced airbag system has turned the passenger's airbag off (see page 35).



After inflating, the front airbags will immediately deflate, so they won't interfere with the driver's visibility, or the ability to steer or operate other controls.





The total time for inflation and deflation is one-tenth of a second, so fast that most occupants are not aware that the airbags deployed until they see them lying in their laps.

After a crash, you may see what looks like smoke. This is actually powder from the airbag's surface. Although the powder is not harmful, people with respiratory problems may experience some temporary discomfort. If this occurs, get out of the vehicle as soon as it is safe to do so.

#### Dual-Stage Airbags

Your front airbags are dual-stage airbags. This means they have two inflation stages that can be ignited sequentially or simultaneously, depending on crash severity.

In a *more severe* crash, both stages will ignite simultaneously to provide the quickest and greatest protection.

In a *less severe* crash, one stage will ignite first, then the second stage will ignite a split second later. This provides longer airbag inflation time with a little less force.

#### Dual-Threshold Airbags

Your front airbags are also dualthreshold airbags. Airbags with this feature have two deployment thresholds that depend on whether sensors detect the occupant is wearing a seat belt or not.

If the occupant's belt is *not latched*, the airbag will deploy at a slightly lower threshold, because the occupant would need extra protection.

If the occupant's belt *is latched*, the airbag will inflate at a slightly higher threshold, when the airbag would be needed to supplement the protection provided by the seat belt.

**CONTINUED** 



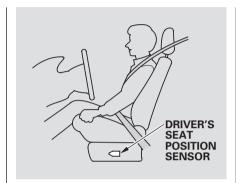
#### Advanced Airbags

Your front airbags are also advanced airbags. The main purpose of this feature is to help prevent airbagcaused injuries to short drivers and children who ride in front.

For both advanced airbags to work properly:

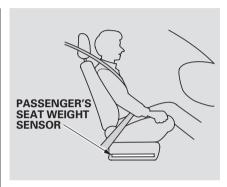
- Occupants must sit upright and wear their seat belts properly.
- Do not spill any liquids on or under the seats, cover the sensors, or put any cargo or metal objects under the front seats.
- Second-row passengers should not put their feet under the front seats.

Failure to follow these instructions could damage the sensors or prevent them from working properly.



The driver's advanced front airbag system includes a seat position sensor under the seat. If the seat is too far forward, the airbag will inflate with less force, regardless of the severity of the impact.

If there is a problem with the sensor, the SRS indicator will come on, and the airbag will inflate in the normal manner regardless of the driver's seating position.



The passenger's advanced front airbag system has weight sensors under the seat. Although Honda does not encourage carrying an infant or small child in front, if the sensors detect the weight of an infant or small child (up to about 65 lbs or 29 kg), the system will automatically turn the passenger's front airbag off.





Be aware that objects placed on the passenger's seat can also cause the airbag to be turned off.

When the airbag is turned off, a "passenger airbag off" indicator in the center of the dashboard comes on (see page 35).

If the weight sensors detect there is no passenger in the front seat, the airbag will be off. However, the passenger airbag off indicator will not come on.

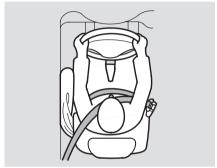
To ensure that the passenger's advanced front airbag system will work properly, *do not do anything that would increase or decrease the weight on the front passenger's seat.* This includes:

• A second row passenger pushing or pulling on the back of the front passenger's seat.

- Moving the front seat forcibly back against cargo on the seat, the floor behind it, or a folded second row seat.
- Hanging heavy items on the front passenger seat, or placing heavy items in the seat-back pocket.

Also, make sure the floor mat behind the front passenger's seat is properly positioned on the floor (see page 378). If it is not, the mat may interfere with the proper operation of the front passenger's seat and its sensors.

## How Your Side Airbags Work



Driver and Passenger Safety

If you ever have a moderate to severe side impact, sensors will detect rapid acceleration and signal the control unit to instantly inflate either the driver's or the passenger's side airbag and activate the seat belt tensioner.

CONTINUED



Only one airbag will deploy during a side impact. If the impact is on the passenger's side, the passenger's side airbag will deploy even if there is no passenger.

To get the best protection from the side airbags, front seat occupants should wear their seat belts and sit upright and well back in their seats.

#### Side Airbag Cutoff System

Your vehicle has a side airbag cutoff system designed primarily to protect a child riding in the front passenger's seat.

Although Honda does not encourage children to ride in front, if the sensors in the seat detect a child has leaned into the side airbag's deployment path, the airbag will shut off.

The side airbag may also shut off if a short adult leans sideways, or a larger adult slouches and leans sideways into the airbag's deployment path.

Objects placed on the front passenger seat can also cause the side airbag to be shut off.

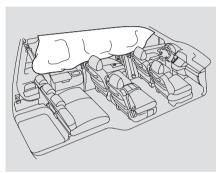
If the side airbag off indicator comes on (see page 35), have the passenger sit upright. Once the passenger is out of the airbag's deployment path, the system will turn the airbag back on, and the indicator will go out.

There will be some delay between the moment the passenger moves into or out of the airbag deployment path and when the indicator comes on or goes off.

A front seat passenger should not use a cushion or other object as a backrest. It may prevent the cutoff system from working properly.



# How Your Side Curtain Airbags Work



### In a Side Impact

In a moderate to severe side impact, sensors will detect rapid acceleration and signal the control unit to instantly inflate the side curtain airbag and activate the seat belt tensioner on the driver's or the passenger's side of the vehicle.

If the impact is on the passenger's side, the passenger's side curtain airbag will inflate even if there are no occupants on that side of the vehicle.

#### In a Rollover

If the rollover sensor detects your vehicle is about to roll over, it signals the control unit, which immediately deploys both side curtain airbags and activates both front seat belt tensioners.

The airbag on the passenger's side will deploy, and the seat belt tensioner will activate, even if there are no passengers on that side of the vehicle.

To get the best protection from the side curtain airbags, occupants should wear their seat belts and sit upright and well back in their seats.





#### How the SRS Indicator Works

The SRS indicator alerts you to a potential problem with your airbags or seat belt tensioners.

When you turn the ignition switch to the ON (II) position, this indicator comes on for several seconds then goes off. This tells you the system is working properly. If the indicator comes on at any other time, or does not come on at all, you should have the system checked by your dealer. For example:

- If the SRS indicator does not come on after you turn the ignition switch to the ON (II) position.
- If the indicator stays on after the engine starts.
- If the indicator comes on or flashes on and off while you drive.

On Touring models
You will also see a "CHECK
AIRBAG SYSTEM" message on the
multi-information display (see page
88).

If you see any of these indications, the airbags and seat belt tensioners may not work properly when you need them.

## **AWARNING**

Ignoring the SRS indicator can result in serious injury or death if the airbag systems or tensioners do not work properly.

Have your vehicle checked by a dealer as soon as possible if the SRS indicator alerts you to a possible problem.



#### How the Side Airbag Off **Indicator Works**

U.S.

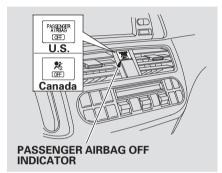
Canada This indicator alerts you that the passenger's side

airbag has been automatically shut off. It does *not* mean there is a problem with your side airbags.

When you turn the ignition switch to the ON (II) position, the indicator should come on for several seconds and then go off (see page 68). If it doesn't come on, stays on, or comes on while driving without a passenger in the front seat, have the system checked.

On Touring models You will also see a "PASSENGER SIDE AIRBAG OFF" message on the multi-information display (see page 89 ).

### How the Passenger Airbag Off Indicator Works



This indicator alerts you that the passenger's front airbag has been shut off because weight sensors detect about 65 lbs (29 kg) or less (the weight of an infant or small child) on the front passenger's seat. It does *not mean* there is a problem with the airbag.

Be aware that objects placed on the front seat can cause the indicator to come on.

If no weight is detected on the front seat, the airbag will be automatically shut off. However, the indicator will not come on.

The passenger airbag off indicator may come on and off repeatedly if the total weight on the seat is near the airbag cutoff threshold.

If an adult or teenage passenger is riding in front, move the seat as far to the rear as possible, and have the passenger sit upright and wear the seat belt properly.

**CONTINUED** 



If the indicator comes on with no front seat passenger and no objects on the seat, or with an adult riding there, something may be interfering with the weight sensors. Look for and remove:

- Any items under the front passenger's seat.
- Any objects hanging on the seat or in the seat-back pocket.
- Any objects, such as a folded-down back seat, that are touching the rear of the seat-back.

If no obstructions are found, have your vehicle checked by a dealer as soon as possible.

### Airbag Service

Your airbag systems are virtually maintenance free, and there are no parts you can safely service. However, you must have your vehicle serviced if:

• An airbag ever inflates. Any airbag that has deployed must be replaced along with the control unit and other related parts. Any seat belt tensioner that activates must also be replaced.

Do not try to remove or replace any airbag by yourself. This must be done by an authorized dealer or a knowledgeable body shop.

- The SRS indicator alerts you to a problem. Take your vehicle to an authorized dealer as soon as possible. If you ignore this indication, your airbags may not operate properly.
- If your vehicle has a moderate to severe impact. Even if your airbags do not inflate, your dealer should inspect the driver's seat position sensor, the front passenger's weight sensors, the front seat belt tensioners, and all seat belts worn during the crash to make sure they are operating properly.





### **Additional Safety Precautions**

- Do not attempt to deactivate your airbags. Together, airbags and seat belts provide the best protection.
- Do not tamper with airbag components or wiring for any reason. Tampering could cause the airbags to deploy, possibly causing very serious injury.
- Do not expose the front passenger's seat-back to liquid. If water or another liquid soaks into the seat-back, it can prevent the side airbag cutoff system from working properly.

- Do not cover or replace front seatback covers without consulting your dealer. Improperly replacing or covering front seat-back covers can prevent your side airbags from inflating during a side impact.
- Do not remove or modify a front seat without consulting your dealer. This could make the driver's seat position sensor or the front passenger's weight sensors ineffective. If it is necessary to remove or modify a front seat to accommodate a person with disabilities, first contact Honda Automobile Customer Service at (800) 999-1009.







Children depend on adults to protect them. However, despite their best intentions, many adults do not know how to properly protect child passengers.

If you have children, or ever need to drive with a child in your vehicle, be sure to read this section. It begins with important general guidelines, then presents special information for infants, small children, and larger children.

All Children Must Be Restrained Each year, many children are injured or killed in vehicle crashes because they are either unrestrained or not

or killed in vehicle crashes because they are either unrestrained or not properly restrained. In fact, vehicle accidents are the number one cause of the death of children ages 12 and under.

To reduce the number of child deaths and injuries, every state and Canadian province requires that infants and children be properly restrained when they ride in a vehicle.

Infants and small children must be restrained in an approved child seat that is properly secured to the vehicle (see pages 43-59).

## **AWARNING**

Children who are unrestrained or improperly restrained can be seriously injured or killed in a crash.

Any child too small for a seat belt should be properly restrained in a child seat. A larger child should be properly restrained with a seat belt and use a booster seat if necessary.

Larger children must be restrained with a lap/shoulder belt and ride on a booster seat until the seat belt fits them properly (see pages 56-59).





# All Children Should Sit in a Back Seat

According to accident statistics, children of all ages and sizes are safer when they are restrained in a back seat. The National Highway Traffic Safety Administration and Transport Canada recommend that all children aged 12 and under be properly restrained in a back seat. Some states have laws restricting where children may ride.

Children who ride in back are less likely to be injured by striking interior vehicle parts during a collision or hard braking. Also, children cannot be injured by an inflating front airbag when they ride in the back.

#### The Passenger's Front Airbag Can Pose Serious Risks

Front airbags have been designed to help protect adults in a moderate to severe frontal collision. To do this, the passenger's front airbag is quite large, and it can inflate with enough force to cause very serious injuries.

Even though your vehicle has an advanced front airbag system that automatically turns the passenger's front airbag off (see page 35), please follow these guidelines:

#### Infants

Never put a rear-facing child seat in the front seat of a vehicle equipped with a passenger's front airbag. If the airbag inflates, it can hit the back of the child seat with enough force to kill or very seriously injure an infant.

#### Small Children

Placing a forward-facing child seat in the front seat of a vehicle equipped with a passenger's front airbag can be hazardous. If the vehicle seat is too far forward, or the child's head is thrown forward during a collision, an inflating front airbag can strike the child with enough force to kill or very seriously injure a small child.

### Larger Children

Children who have outgrown child seats are also at risk of being injured or killed by an inflating passenger's front airbag. Whenever possible, larger children should sit in the back seat, on a booster seat if needed, and be properly restrained with a seat belt. (See page 56 for important information about protecting larger children.)





To remind you of the passenger's front airbag hazards, and that children must be properly restrained in a back seat, your vehicle has warning labels on the dashboard (U.S. models) and on the front visors. Please read and follow the instructions on these labels.

# U.S. Models SUN VISORS



## **A WARNING**

#### EVEN WITH ADVANCED AIR BAGS



Children can be killed or seriously injured by the air bas
The back seat is the safest place for children
Never put a rear facing child seat in the front
Never puts a rear facing child seat in the front
See owner's manual for more information about air base

#### Canadian Models

**SUN VISORS** 

#### CAUTION

- TO AVOID SERIOUS INJURY:
- FOR MAXIMUM SAFETY PROTECTION IN ALL TYPES OF CRASHES, YOU MUST ALWAYS WEAR YOUR SAFETY BELT.
- DO NOT INSTALL REARWARD-FACING CHILD SEATS IN ANY FRONT PASSENGER SEAT POSITION.
- DO NOT SIT OR LEAN UNNECESSARILY CLOSE TO THE AIR BAG.
- DO NOT PLACE ANY OBJECTS OVER THE AIR BAG OR BETWEEN THE AIR BAG AND YOURSELF.
- SEE THE OWNER'S MANUAL FOR FURTHER INFORMATION AND EXPLANATIONS.

#### DASHBOARD

## This Vehicle is Equipped with Advanced Air Bags

#### Even with Advanced Air Bags

Children can be killed or seriously injured by the air bag. The back seat is the safest place for children. Never put a rear-facing child seat in the front. Always use seat belts and child restraints. See owner's manual for more information about air bags.

To be removed by owner only.

#### PRECAUTIONS:

- POUR EVITER DES BLESSURES GRAVES:

   POUR PROFITER D'UNE PROTECTION
- MAXIMALE LORS D'UNE COLLISION BOUCLEZ TOUJOURS VOTRE CEINTURE DE SECURITE.

  N'INSTALLEZ JAMAIS UN SIEGE POUR
- ENFANTS FAISANT FACE A L'ARRIERE SUR LE SIEGE DU PASSAGER AVANT.
- NE VOUS APPUYEZ PAS ET NE VOUS ASSOYEZ PAS PRES DU COUSSIN GONFLABLE.
- NE DEPOSEZ AUCUN OBJET SUR LE COUSSIN GONFLABLE OU ENTRE LE COUSSIN GONFLABLE ET VOUS.
- LISEZ LE GUIDE UTILISATEUR POUR DE PLUS AMPLES RENSEIGNEMENTS.





# If You Must Drive with Several Children

Your vehicle has two rows of back seats where children can be properly restrained. If you ever have to carry a group of children, and a child must ride in front:

- Place the largest child in the front seat, provided the child is large enough to wear the lap/shoulder belt properly (see page 56).
- Move the vehicle seat as far to the rear as possible (see page 171).
- Have the child sit upright and well back in the seat (see page 18).
- Make sure the seat belt is properly positioned and secured (see page 15).

# If a Child Requires Close Attention

Many parents say they prefer to put an infant or a small child in the front passenger seat so they can watch the child, or because the child requires attention.

Placing a child in the front seat exposes the child to hazards in a frontal collision, and paying close attention to a child distracts the driver from the important tasks of driving, placing both of you at risk.

If a child requires close physical attention or frequent visual contact, we strongly recommend that another adult ride with the child in a back seat. The back seat is far safer for a child than the front.

### **Additional Safety Precautions**

- Never hold an infant or child on your lap. If you are not wearing a seat belt in crash, you could be thrown forward and crush the child against the dashboard or a seat-back. If you are wearing a seat belt, the child can be torn from your arms and be seriously hurt or killed.
- Never put a seat belt over yourself and a child. During a crash, the belt could press deep into the child and cause serious or fatal injuries.
- Never let two children use the same seat belt. If they do, they could be very seriously injured in a crash.



- Make sure any unused seat belt that a child can reach is buckled, the lockable retractor is activated, and the belt is fully retracted and locked. If a child wraps a loose seat belt around their neck, they can be seriously or fatally injured. (See pages 51 and 52 for how to activate and deactivate the lockable retractor.)
- Use childproof door locks to prevent children from opening the doors. This can prevent children from accidentally falling out (see page 160).

- Use the power sliding door main switch to prevent children from operating the sliding doors. This will prevent unintended use of the doors.
- Do not leave children alone in a vehicle. Leaving children without adult supervision is illegal in most states and Canadian provinces, and can be very hazardous.

For example, infants and small children left in a vehicle on a hot day can die from heatstroke. A child left alone with the key in the ignition switch can accidentally set the vehicle in motion, possibly injuring themselves or others.

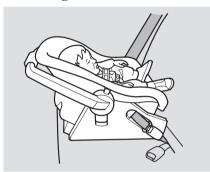
- Lock all doors and the tailgate when your vehicle is not in use.
   Children who play in vehicles can accidentally get trapped inside.
   Teach your children not to play in or around vehicles.
- Keep vehicle keys and remote transmitters out of the reach of children. Even very young children learn how to unlock vehicle doors, turn on the ignition switch, and open the tailgate, which can lead to accidental injury or death.





# **Protecting Infants and Small Children**

### **Protecting Infants**



## Child Seat Type

An infant must be properly restrained in a rear-facing, reclining child seat until the child reaches the seat maker's weight or height limit for the seat, and the child is at least one year old.

Only a rear-facing child seat provides proper support for a baby's head, neck, and back.

Two types of seats may be used: a seat designed exclusively for infants, or a convertible seat used in the rearfacing, reclining mode.

Do not put a rear-facing child seat in a forward-facing position. If placed facing forward, an infant could be very seriously injured during a frontal collision. Rear-facing Child Seat Placement
A rear-facing child seat can be placed
in any seating position in the second
or third row, but not in the front.
Never put a rear-facing child seat in
the front seat.

If the passenger's front airbag inflates, it can hit the back of the child seat with enough force to kill or seriously injure an infant.

When properly installed in the second row, a rear-facing child seat may prevent the driver or a front passenger from moving their seat as far back as recommended, or from locking their seat-back in the desired position.

It can also interfere with proper operation of the passenger's advanced front airbag system.

CONTINUED



# **Protecting Infants and Small Children**

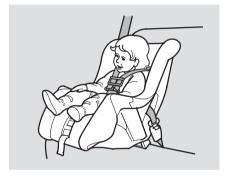
In any of these situations, we strongly recommend that you install the child seat directly behind the front passenger's seat, move the seat as far forward as needed, and leave it unoccupied. Or, you may wish to get a smaller rear-facing child seat.

## **AWARNING**

Placing a rear-facing child seat in the front seat can result in serious injury or death during a collision.

Always place a rear-facing child seat in the back seat, not the front.

## **Protecting Small Children**



Child Seat Type

A child who is at least one year old, and who fits within the child seat maker's weight and height limits, should be restrained in a forward-facing, upright child seat.

Of the different seats available, we recommend those that have a five-point harness system as shown.

We also recommend that a small child use the child seat until the child reaches the weight or height limit for the seat.





#### Child Seat Placement

We strongly recommend placing a forward-facing child seat in a back seat, not the front.

Placing a forward-facing child seat in the front seat of a vehicle equipped with a passenger's airbag can be hazardous. If the vehicle seat is too far forward, or the child's head is thrown forward during a collision, an inflating airbag can strike the child with enough force to cause very serious or fatal injuries.

Even with advanced front airbags that automatically turn the passenger's front airbag off (see page 35), a back seat is the safest place for a small child.

If it is necessary to put a forwardfacing child seat in the front, move the vehicle seat as far to the rear as possible, and be sure the child seat is firmly secured to the vehicle and the child is properly strapped in the seat.

## **AWARNING**

Placing a forward-facing child seat in the front seat can result in serious injury or death if the front airbag inflates.

If you must place a forwardfacing child seat in front, move the vehicle seat as far back as possible, and properly restrain the child. **Driver and Passenger Safety** 



# Selecting a Child Seat

When buying a child seat, you need to choose either a conventional child seat, or one designed for use with the lower anchors and tethers for children (LATCH) system.

Conventional child seats must be secured to a vehicle with a seat belt, whereas LATCH-compatible seats are secured by attaching the seat to hardware built into the rear seating positions.

Since LATCH-compatible child seats are easier to install and reduce the possibility of improper installation, we recommend selecting this style.

We also recommend selecting a LATCH-compatible seat with a rigid, rather than a flexible, anchor (see page 48).

In seating positions and vehicles not equipped with LATCH, a LATCH-compatible child seat can be installed using a seat belt.

Whatever type of seat you choose, to provide proper protection, a child seat should meet three requirements:

- 1. The child seat should meet U.S. or Canadian Motor Vehicle Safety Standard 213. Look for FMVSS 213 or CMVSS 213 on the box.
- 2. The child seat should be of the proper type and size to fit the child. Rear-facing for infants, forward-facing for small children.
- 3. The child seat should fit the vehicle seating position (or positions) where it will be used.

Before purchasing a conventional child seat, or using a previously purchased one, we recommend that you test the seat in the specific vehicle seating position or positions where the seat will be used.





After selecting a proper child seat and a good place to install the seat, there are three main steps in installing the seat:

- 1. Properly secure the child seat to the vehicle. All child seats must be secured to the vehicle with the lap part of a lap/shoulder belt or with the LATCH (lower anchors and tethers for children) system. A child whose seat is not properly secured to the vehicle can be endangered in a crash.
- 2. Make sure the child seat is firmly secured. After installing a child seat, push and pull the seat forward and from side-to-side to verify that it is secure.

A child seat secured with a seat belt should be installed as firmly as possible. However, it does not need to be "rock solid." Some side-to-side movement can be expected and should not reduce the child seat's effectiveness.

If the child seat is not secure, try installing it in a different seating position, or use a different style of child seat that can be firmly secured.

3. Secure the child in the child seat. Make sure the child is properly strapped in the child seat according to the child seat maker's instructions. A child who is not properly secured in a child seat can be seriously injured in a crash.

The following pages provide guidelines on how to properly install a child seat. A forward-facing child seat is used in all examples, but the instructions are the same for rearfacing child seats.

**Driver and Passenger Safety** 

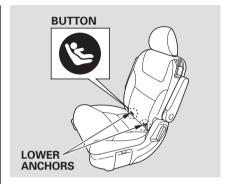


# **Installing a Child Seat with LATCH**

Your vehicle is equipped with LATCH (lower anchors and tethers for children) in the two second row seats and the center seating position of the third row.

The lower anchors are located between the seat-back and seat bottom, and are to be used only with a child seat designed for use with LATCH.

The location of each lower anchor is indicated by a small button above the anchor point.



To install a LATCH-compatible child seat in a second row seat:

- 1. Move the seat belt buckle or tongue away from the lower anchors.
- 2. Make sure there are no objects near the anchors that could prevent a secure connection between the child seat and the anchors.

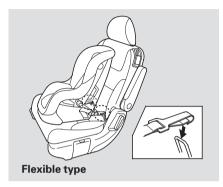


3. Place the child seat on the vehicle seat, then attach the seat to the lower anchors according to the child seat maker's instructions.

Some LATCH-compatible seats have a rigid-type connector as shown above.

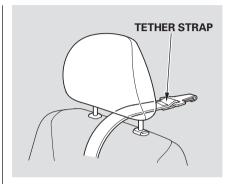




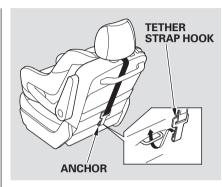


Other LATCH-compatible seats have a flexible-type connector as shown above.

4. Whatever type you have, follow the child seat maker's instructions for adjusting or tightening the fit.



5. Lift the head restraint (see page 174), then route the tether strap through the legs of the head restraint, over the seat-back and through the grab rail.



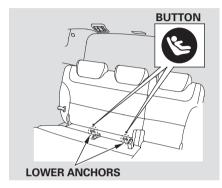
- 6. Attach the tether strap hook to the anchor, making sure the strap is not twisted, then tighten the strap according to the seat maker's instructions.
- 7. Push and pull the child seat forward and from side-to-side to verify that it is secure.





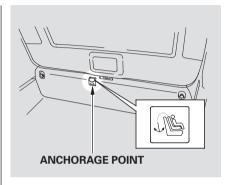
To install a LATCH-compatible child seat in the center seating position of the third row:

1. Unlatch the detachable seat belt anchor latch and retract the seat belt all the way into the ceiling. Place the latch plate and anchor latch in their holding slots (see page 16).



The location of each lower anchor is indicated by a small button above the anchor point.

2. Follow steps 1 through 4 of the second row installation on pages 48 and 49.



The center seating position of the third row has an anchorage point on the tailgate sill.

3. Slide the anchor cover to open it.





- 4. Remove the head restraint (see page174). Make sure the removed head restraint is secured in the cargo area. Reinstall the head restraint when the child seat is removed.
- 5. Follow steps 6 and 7 on page 49.

## Installing a Child Seat with a Lap/ Shoulder Belt

When not using the LATCH system, all child seats must be secured to the vehicle with the lap part of a lap/shoulder belt.

In addition, the lap/shoulder belts in all seating positions except the driver's have a lockable retractor that must be activated to secure a child seat.

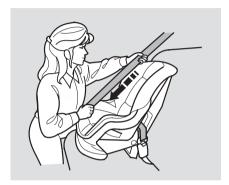
If you intend to install a child seat in the center seating position of the third row, make sure the detachable seat belt is properly installed (see page 16).



1. With the child seat in the desired seating position, route the belt through the child seat according to the seat maker's instructions, then insert the latch plate into the buckle.

CONTINUED



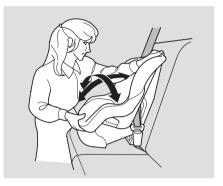


- 2. To activate the lockable retractor, slowly pull the shoulder part of the belt all the way out until it stops, then let the belt feed back into the retractor.
- 3. After the belt has retracted, tug on it. If the belt is locked, you will not be able to pull it out. If you can pull the belt out, it is not locked, and you will need to repeat these steps.



4. After confirming that the belt is locked, grab the shoulder part of the belt near the buckle, and pull up to remove any slack from the lap part of the belt. Remember, if the lap part of the belt is not tight, the child seat will not be secure.

To remove slack, it may help to put weight on the child seat, or push on the back of the seat while pulling up on the belt.



5. Push and pull the child seat forward and from side-to-side to verify that it is secure enough to stay upright during normal driving maneuvers. If the child seat is not secure, unlatch the belt, allow it to retract fully, then repeat these steps.

To deactivate the lockable retractor and remove a child seat, unlatch the buckle, unroute the seat belt, and let the belt fully retract.



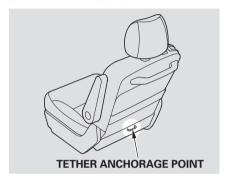


# Installing a Child Seat with a Tether

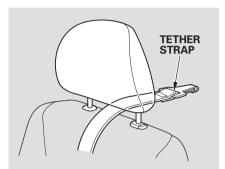
A child seat with a tether can be installed in any seating position in the second or third row seats.

Since a tether can provide additional security to the lap/shoulder belt installation, we recommend using a tether whenever one is required or available.

#### Second Row Installation



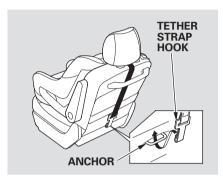
Each second row bucket seat has a tether anchorage point at the bottom of the seat-back.



1. After properly securing the child seat (see page 51), lift the head restraint, then route the tether strap over the seat-back and through the head restraint legs.

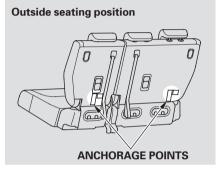
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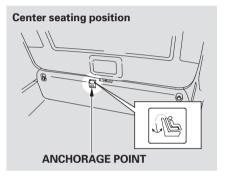


- 2. Attach the tether strap hook to the anchor, making sure the strap is not twisted.
- 3. Tighten the strap according to the seat maker's instructions.

#### Third Row Installation



Each outside seating position of the third row has an anchorage point on the seat-back.



The center seating position of the third row has an anchorage point on the tailgate sill.



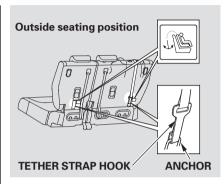


- 1. Remove the head restraint (see page 174). Make sure the removed head restraint is secured in the cargo area. Reinstall the head restraint when the child seat is removed.
- 2. (Outside seating position)

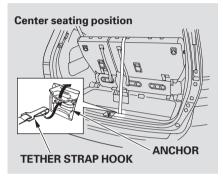
  To use the anchor, pull up the anchor cover.

(Center seating position)
Slide the anchor cover to open it.

3. After properly securing the child seat (see page 51), route the tether strap over the top of the seat-back.



4. Attach the tether strap hook to the anchor, making sure the tether strap is not twisted.



5. Tighten the strap according to the seat maker's instructions.

Driver and Passenger Safety

When a child reaches the recommended weight or height limit for a forward-facing child seat, the child should sit in a back seat on a booster seat and wear a lap/shoulder belt.

The following pages give instructions on how to check proper seat belt fit, what kind of booster seat to use if one is needed, and important precautions for a child who must sit in front.

## **AWARNING**

Allowing a child age 12 or under to sit in front can result in injury or death if the passenger's front airbag inflates.

If a child must ride in front, move the vehicle seat as far back as possible, use a booster seat if needed, have the child sit up properly and wear the seat belt properly.

### **Checking Seat Belt Fit**



To determine if a lap/shoulder belt properly fits a child, have the child put on the seat belt, then ask yourself:

- 1. Does the child sit all the way back against the seat?
- 2. Do the child's knees bend comfortably over the edge of the seat?



- 3. Does the shoulder belt cross between the child's neck and arm?
- 4. Is the lap part of the belt as low as possible, touching the child's thighs?
- 5. Will the child be able to stay seated like this for the whole trip?

If you answer yes to all these questions, the child is ready to wear the lap/shoulder belt correctly. If you answer no to any question, the child needs to ride on a booster seat.

## Using a Booster Seat



A child who has outgrown a forwardfacing child seat should ride in a back seat and use a booster seat until the lap/shoulder belt fits them properly without the booster. Some states and Canadian provinces also require children to use a booster seat until they reach a given age or weight (e.g., 6 years or 60 lbs). Be sure to check current laws in the states or provinces where you intend to drive.

Booster seats can be high-back or low-back. Whichever style you select, make sure the booster seat meets federal safety standards (see page 46) and that you follow the booster seat maker's instructions.

**CONTINUED** 



If a child who uses a booster seat must ride in front, move the vehicle seat as far back as possible and be sure the child is wearing the seat belt properly.

A child may continue using a booster seat until the tops of their ears are even with the top of the vehicle's or booster's seat-back. A child of this height should be tall enough to use the lap/shoulder belt without a booster seat.

# When Can a Larger Child Sit in Front

The National Highway Traffic Safety Administration and Transport Canada recommend that all children aged 12 and under be properly restrained in a back seat.

If the passenger's front airbag inflates in a moderate to severe frontal collision, the airbag can cause serious injuries to a child who is unrestrained, improperly restrained, sitting too close to the airbag, or out of position.

A side airbag also poses risks. If any part of a larger child's body is in the path of a deploying side airbag, the child could receive possibly serious injuries.

Of course, children vary widely. And while age may be one indicator of when a child can safely ride in front, there are other important factors you should consider.

#### Physical Size

Physically, a child must be large enough for the lap/shoulder belt to properly fit (see pages 15 and 56). If the seat belt does not fit properly, with or without the child sitting on a booster seat, the child should not sit in front.

### Maturity

To safely ride in front, a child must be able to follow the rules, including sitting properly, and wearing the seat belt properly throughout a ride.



If you decide that a child can safely ride up front, be sure to:

- Carefully read the owner's manual, and make sure you understand all seat belt instructions and all safety information.
- Move the vehicle seat to the rearmost position.
- Have the child sit up straight, back against the seat, and feet on or near the floor.
- Check that the child's seat belt is properly and securely positioned.
- Supervise the child. Even mature children sometimes need to be reminded to fasten the seat belts or sit properly.

## **Additional Safety Precautions**

- Do not let a child wear a seat belt across the neck. This could result in serious neck injuries during a crash.
- Do not let a child put the shoulder part of a seat belt behind the back or under the arm. This could cause very serious injuries during a crash. It also increases the chance that the child will slide under the belt in a crash and be injured.
- Two children should never use the same seat belt. If they do, they could be very seriously injured in a crash.

• Do not put any accessories on a seat belt. Devices intended to improve a child's comfort or reposition the shoulder part of a seat belt can make the belt less effective and increase the chance of serious injury in a crash.





## **Carbon Monoxide Hazard**

Your vehicle's exhaust contains carbon monoxide gas. Carbon monoxide should not enter the vehicle in normal driving if you maintain your vehicle properly and follow the information on this page.

Have the exhaust system inspected for leaks whenever:

- The vehicle is raised for an oil change.
- You notice a change in the sound of the exhaust.
- The vehicle was in an accident that may have damaged the underside.

## **AWARNING**

Carbon monoxide gas is toxic. Breathing it can cause unconsciousness and even kill you.

Avoid any enclosed areas or activities that expose you to carbon monoxide.

High levels of carbon monoxide can collect rapidly in enclosed areas, such as a garage. Do not run the engine with the garage door closed. Even with the door open, run the engine only long enough to move the vehicle out of the garage.

With the tailgate open, air flow can pull exhaust gas into your vehicle's interior and create a hazardous condition. If you must drive with the tailgate open, open all the windows and set the heating and cooling system/climate control system as shown below.

If you must sit in your parked vehicle with the engine running, even in an unconfined area, adjust the heating and cooling system/climate control system as follows:

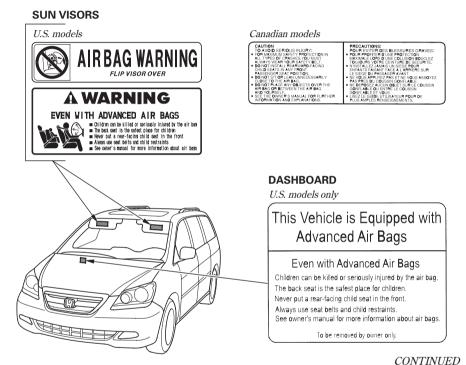
- 1. Select the fresh air mode.
- 2. Select the mode.
- 3. Set the fan speed to high.
- 4. Set the temperature control to a comfortable setting.





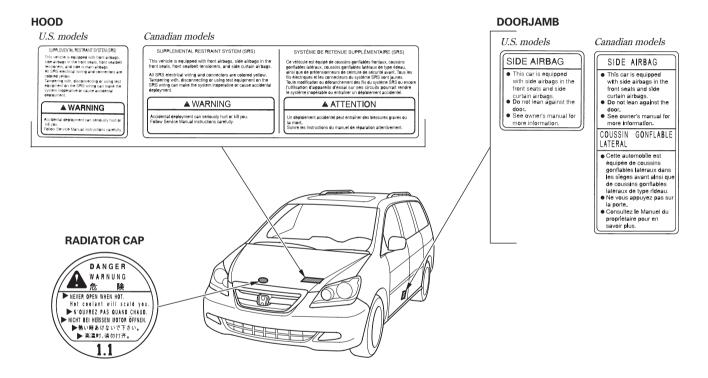
These labels are in the locations shown. They warn you of potential hazards that could cause serious injury or death. Read these labels carefully.

If a label comes off or becomes hard to read (except for the U.S. dashboard label which may be removed by the owner), contact your dealer for a replacement.





# **Safety Labels**



# **Instruments and Controls**

This section gives information about the controls and displays that contribute to the daily operation of your vehicle. All the essential controls are within easy reach.

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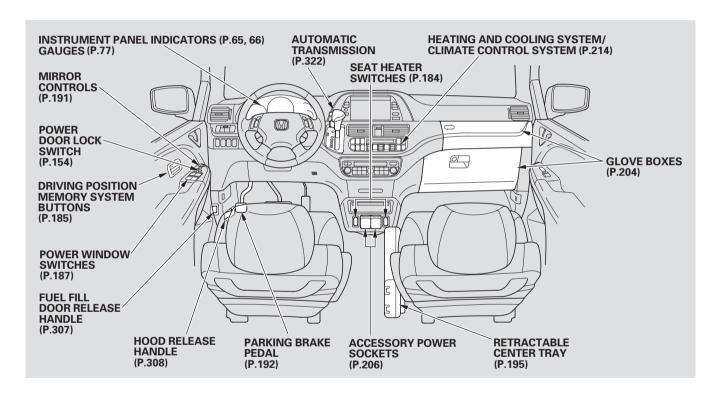
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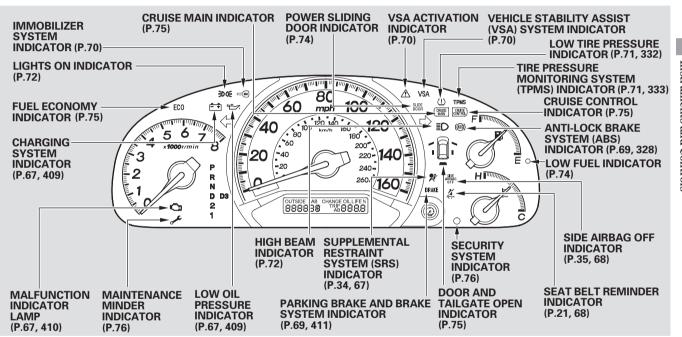
## **Control Locations**







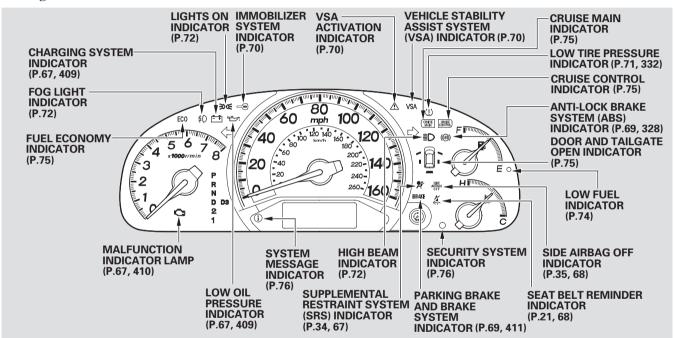
#### LX, EX and EX-L models



The U.S. instrument panel is shown. Differences for the Canadian models are noted in the text.

## **Instrument Panel**

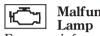
### Touring models



<sup>\*</sup> The U.S. instrument panel is shown. Differences for the Canadian models are noted in the text.



The instrument panel has many indicators to give you important information about your vehicle.



## Malfunction Indicator Lamp

For more information, see page 410.

On Touring models You will also see a "CHECK EMISSION SYSTEM" message on the multi-information display (see page 88 ).



## Charging System Indicator

If this indicator comes on when the engine is running, the battery is not being charged. For more information, see page 409 .

On Touring models You will also see a "CHECK CHARGING SYSTEM" message on the multi-information display (see page 88).



### Low Oil Pressure Indicator

The engine can be severely damaged if this indicator flashes or stays on when the engine is running. For more information, see page 409.

On Touring models You will also see a "CHECK ENGINE OIL LEVEL" message on the multi-information display (see page 88).



### Supplemental Restraint System (SRS) Indicator

This indicator comes on for several seconds when you turn the ignition switch to the ON (II) position. If it comes on at any other time, it indicates a potential problem with your front airbags. This indicator will also alert you to a potential problem with your side airbags, passenger's side airbag automatic cutoff system, side curtain airbags, automatic seat belt tensioners, driver's seat position sensor, or the front passenger's weight sensors. For more information, see page 34.

On Touring models You will also see a "CHECK AIRBAG SYSTEM" message on the multi-information display (see page 88).







#### Seat Belt Reminder Indicator

This indicator comes on when you turn the ignition switch to the ON (II) position. It reminds you and your passengers to fasten your seat belts. A beeper also sounds if you have not fastened your seat belt.

If you turn the ignition switch to the ON (II) position before fastening your seat belts, the beeper sounds, and the indicator flashes. If you do not fasten your seat belts before the beeper stops, the indicator stops flashing but remains on.

If your front passenger does not fasten their seat belt, the indicator comes on about 6 seconds after the ignition switch is turned to the ON (II) position.

If either of you do not fasten your seat belt while driving, the beeper will sound and the indicator will flash again at regular intervals. For more information, see page 21.

#### On Touring models

You will also see a "FASTEN SEAT BELT" or "FASTEN PASSENGER SEAT BELT" message on the multiinformation display (see page 88).



## Canada

## Side Airbag Off Indicator

This indicator comes on when you turn the ignition switch to the ON (II) position. If it comes on at any other time, it indicates that the passenger's side airbag has automatically shut off. For more information, see page 35.

### On Touring models

You will also see a "PASSENGER SIDE AIRBAG OFF" message on the multi-information display (see page 89).







## Anti-lock Brake System (ABS) Indicator

This indicator normally comes on for a few seconds when you turn the ignition switch to the ON (II) position, and when the ignition switch is turned to the START (III) position. If it comes on at any other time, there is a problem with the ABS. If this happens, have your vehicle checked at a dealer. With this indicator on, your vehicle still has normal braking ability but no anti-lock function. For more information, see page 328.

On Touring models
You will also see a "CHECK ABS
SYSTEM" message on the multiinformation display (see page 89).

# U.S. Canada Parking Brake and BRAKE BRAKE Brake System Indicator

This indicator has two functions:

1. It comes on when you turn the ignition switch to the ON (II) position. It is a reminder to check the parking brake. A beeper sounds if you drive with the parking brake not fully released. Driving with the parking brake not fully released can damage the brakes and tires.

On Touring models
You will also see a "RELEASE
PARKING BRAKE" message on the
multi-information display (see page
88 ).

2. If it remains on after you have fully released the parking brake while the engine is running, or if it comes on while driving, there could be a problem with the brake system. For more information, see page 411.

On Touring models
You will also see a "BRAKE FLUID
LOW" or "CHECK BRAKE
SYSTEM" message on the multiinformation display (see page 88).

CONTINUED





#### Immobilizer System Indicator

This indicator comes on for a few seconds when you turn the ignition switch to the ON (II) position. It will go off if you have inserted a properly-coded ignition key. If it is not a properly-coded key, the indicator will blink and the engine will not start (see page 146).

This indicator also blinks several times when you turn the ignition switch from the ON (II) position to the ACCESSORY (I) or LOCK (0) position.



## Vehicle Stability Assist (VSA) System Indicator

This indicator normally comes on for a few seconds when you turn the ignition switch to the ON (II) position.

If it comes on and stays on at any other time, or if it does not come on when you turn the ignition switch to the ON (II) position, there is a problem with the VSA system. Take your vehicle to a dealer to have it checked. Without VSA, your vehicle still has normal driving ability, but will not have VSA traction and stability enhancement. See page 330 for more information on the VSA system.

On Touring models You will also see a "CHECK VSA SYSTEM" message on the multiinformation display (see page 89 ).



## **VSA Activation Indicator**

This indicator has three functions:

- 1. It comes on as a reminder that you have turned off the vehicle stability assist (VSA) system.
- 2. It flashes when VSA is active (see page 330).
- 3. It comes on along with the VSA system indicator if there is a problem with the VSA system.

On Touring models You will also see a "CHECK VSA SYSTEM" message on the multiinformation display (see page 89).

This indicator normally comes on for a few seconds when you turn the ignition switch to the ON (II) position. See page 330 for more information.







#### Low Tire Pressure Indicator

This indicator normally comes on for a few seconds when you turn the ignition switch to the ON (II) position.

If it comes on while driving, it indicates that one or more of your vehicle's tires are extremely low on pressure.

If this happens, pull to the side of the road when it is safe. If it is because of a flat tire, replace the flat tire with the compact spare (see page 396), and have the flat tire repaired as soon as possible. If two or more tires are underinflated, call a professional towing service (see page 418). For more information, see page 332.

On Touring models

You will also see a "CHECK TIRE PRESSURE" message on the multiinformation display (see page 88). You may see one or more of the low pressure tire positions displayed along with this message.

Check the tire pressure monitor on the multi-information display and determine the cause (see page 334).

Your vehicle has Michelin PAX tires. Repair or replacement of PAX tires must be done by a Honda dealer or an authorized Michelin PAX system dealer. For more information, see page 392.

## TPMS

position.

## Tire Pressure Monitoring System (TPMS) Indicator

On LX, EX and EX-L models
This indicator normally comes on for a few seconds when you turn the ignition switch to the ON (II)

If this indicator comes on and stays on at any other time, or if it does not come on when you turn the ignition switch to the ON (II) position, there is a problem with the TPMS. With this indicator on, the low tire pressure indicator will not come on when a tire loses pressure. Take the vehicle to your dealer to have the system checked.









## Turn Signal and Hazard Warning Indicators

The left or right turn signal indicator blinks when you signal a lane change or turn. If an indicator does not blink or blinks rapidly, it usually means one of the turn signal bulbs is burned out (see pages 372 and 375). Replace the bulb as soon as possible, since other drivers cannot see that you are signaling.

When you press the hazard warning button, both turn signal indicators and all turn signals on the outside of the vehicle flash.



## **Lights On Indicator**

This indicator reminds you that the exterior lights are on. It comes on when the light switch is in either the ₹00€ or ₹0 position. If you turn the ignition switch to the ACCESSORY (I) or the LOCK (0) position without turning off the light switch, this indicator will remain on. A reminder chime will also sound when you open the driver's door and remove the key from the ignition switch.

On Touring models, this indicator also comes on when the light switch is in AUTO and the lights turn on automatically.



## **High Beam Indicator**

This indicator comes on with the high beam headlights. For more information, see page 139.

On Canadian models
This indicator also comes on with
reduced brightness when the
daytime running lights (DRL) are on
(see page 141).



## **Fog Light Indicator**

On Touring models

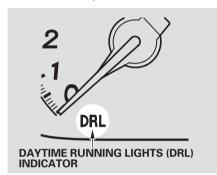
This indicator comes on when you turn on the fog lights. See page 141 for information on fog light operation.





## **Daytime Running Lights Indicator**

On Canadian LX, EX and EX-L models

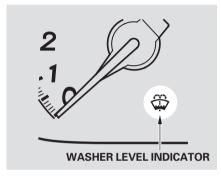


If this indicator comes on when the ignition switch is turned to the ON (II) position and the parking brake is released, it means there is a problem in the high beam headlight's circuit. Have your vehicle checked by your dealer.

On Canadian Touring model
If you see a "CHECK DRL
SYSTEM" message on the multiinformation display, there is a
problem in the high beam headlight's
circuit. Take your vehicle to a dealer
to have it checked (see page 89).

### **Washer Level Indicator**

On Canadian models



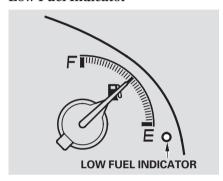
This indicator comes on when the washer fluid level is low. Add washer fluid when you see this indicator comes on (see page 366).

On Canadian Touring model You will also see a "WASHER FLUID LOW" message on the multiinformation display (see page 89). Instruments and Controls





#### Low Fuel Indicator



This indicator is in the fuel gauge. It comes on as a reminder that you must refuel soon. When the indicator comes on, there is about 3.01 US gal (11.4  $\ell$ ) of fuel remaining in the tank before the reading reaches E. There is a small reserve of fuel remaining in the tank when the reading does reach E.

On Touring models You will also see a "FUEL LOW" message on the multi-information display (see page 89). U.S. Canada
SLIDING
DOOR
Power Sliding
Door Indicator

On EX and EX-L models
This indicator comes on for a few seconds when you turn the ignition switch to the ON (II) position. If it comes on at any other time, there is a problem in the power sliding door system. With this indicator on, move the main switch on the dashboard to the OFF position, and have the system checked by your dealer as soon as possible. You can still open or close each sliding door manually. For more information on the power

On Touring models
You will also see a "CHECK LEFT
SLIDING DOOR" or "CHECK
RIGHT SLIDING DOOR" message
on the multi-information display (see
page 89).

sliding doors, see page 164.



## CRUISE Main Indicator

This indicator comes on when you turn on the cruise control system by pressing the CRUISE button on the steering wheel (see page 291).



## **Cruise Control Indicator**

This indicator comes on when you set the cruise control. See page 291 for information on operating the cruise control.



## **Fuel Economy Indicator**

On EX-L and Touring models
While the engine is operating in its most economical range, this indicator may come on and stay on.
It goes off when your vehicle uses extra fuel.

## **Door and Tailgate Open Monitor**



The appropriate light comes on in this monitor if the tailgate or any door is not closed tightly.

All the lights in the monitor come on for a few seconds when you turn the ignition switch to the ON (II) position.

On Touring models

The door and tailgate open monitor also appears on the multi-information display.

Instruments and Control



## Maintenance Minder Indicator

On LX, EX and EX-L models
This indicator comes on for a few seconds when you turn the ignition switch to the ON (II) position. It reminds you that it is time to take your vehicle in for scheduled maintenance. The maintenance main items and sub items will be displayed in the information display. See page 347 for more information on the maintenance minder.

This indicator goes off when your dealer resets it after completing the required maintenance service.



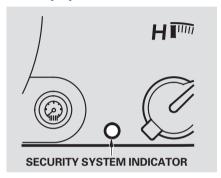
### System Message Indicator

On Touring models

This indicator comes on when there is a system message on the multi-information display. Press the INFO button on the steering wheel (see page 82) to see the message (see page 87).

Most of the time, this indicator comes on along with other indicators in the instrument panel such as the seat belt reminder indicator, SRS indicator, VSA system indicator, etc.

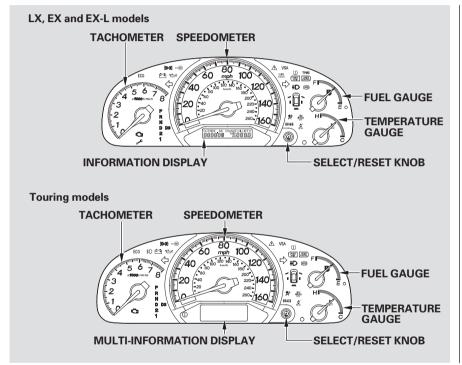
## **Security System Indicator**



This indicator comes on when the security system is set. For more information, see page 290.







### **Temperature Gauge**

This shows the temperature of the engine's coolant. During normal operation, the pointer should rise to about the middle of the gauge. In about the middle of the gauge. In severe driving conditions, the pointer may rise to the upper zone. If it reaches the red (hot) mark, pull safely to the side of the road. For instructions and precautions on checking the engine's cooling system, see page 407.

Fuel Gauge
This shows how much fuel you have.

It may show slightly more or less than the actual amount. The needle returns to the bottom after you turn off the ignition.

## NOTICE

Avoid driving with an extremely low fuel level. Running out of fuel could cause the engine to misfire, damaging the catalytic converter.



## Gauges

On Touring models
For information about the multiinformation display, see page 81.

### **Information Display**

On LX, EX and EX-L models
The information display in the instrument panel displays various information when the ignition switch is in the ON (II) position. Some of the information helps to keep you driving safely.

Other information helps to keep you aware of the periodic maintenance your vehicle needs for continued trouble-free driving.

To change the display, push the Select/Reset knob on the instrument panel repeatedly until the desired information appears.

When you turn the ignition switch to the ON (II) position, what you last selected is displayed.

#### **Odometer**

The odometer shows the total distance your vehicle has been driven. It measures miles in U.S. models and kilometers in Canadian models. It is illegal under U.S. federal law and Canadian provincial regulations to disconnect, reset, or alter the odometer with the intent to change the number of miles or kilometers indicated.

#### Trip Meter

This meter shows the number of miles (U.S.) or kilometers (Canada) driven since you last reset it.

There are two trip meters: Trip A and Trip B. Switch between these displays by pressing the Select/Reset knob repeatedly.

Each trip meter works independently, so you can keep track of two different distances.

To reset a trip meter, display it, and then press and hold the Select/Reset knob until the number resets to "0.0".





Outside Temperature Indicator

On EX and EX-L models
This indicator displays the outside temperature in Fahrenheit (U.S. models) or Centigrade (Canadian models). To see the outside temperature, press and release the Select/Reset knob until the temperature is displayed.

The temperature sensor is in the front bumper. The temperature reading can be affected by heat reflection from the road surface, engine heat, and the exhaust from surrounding traffic. This can cause an incorrect temperature reading when your vehicle speed is under 19 mph (30 km/h). When you start your trip, the sensor is not fully acclimatized, therefore it may take several minutes until the proper temperature is displayed.

In certain weather conditions, temperature readings near freezing (32°F, 0°C) could mean that ice is forming on the road surface.

If the outside temperature is incorrectly displayed, you can adjust it up to  $\pm 5^{\circ} F$  in U.S. models ( $\pm 3^{\circ} C$  in Canadian models) warmer or cooler.

NOTE: The temperature must be stabilized before doing this procedure.

To adjust the outside temperature indicator, press and hold the Select/Reset knob for 10 seconds. The following sequence will appear for 1 second each: 0, 1, 2, 3, 4, 5, -5, -4, -3, -2, -1, 0 (U.S.) or 0, 1, 2, 3, -3, -2, -1, 0 (Canada).

When the temperature reaches the desired value, release the Select/Reset knob. You should see the new outside temperature displayed.

**CONTINUED** 



## Gauges

#### Maintenance Minder

The information display in the instrument panel shows you the engine oil life and maintenance service items when the ignition switch is in the ON (II) position. This information helps to keep you aware of the periodic maintenance your vehicle needs for continued trouble-free driving. Refer to page 347 for more information.

#### Check Fuel Cap Message

Your vehicle's onboard diagnostic system will detect a loose or missing fuel fill cap as an evaporative system leak. The first time a leak is detected a "CHECK FUEL CAP" message appears on the information display.

Turn the engine off, and confirm the fuel fill cap is installed. If it is, loosen it, then retighten it until it clicks at least once. The message should go off after several days of normal driving once you tighten or replace the fuel fill cap. To scroll to another display, press the select/reset knob.

The "CHECK FUEL CAP" message will appear each time you restart the engine until the system turns the message off.

If the system still detects a leak in your vehicle's evaporative emissions system, the malfunction indicator lamp (MIL) comes on. If the fuel fill cap was not already tightened, turn the engine off, and check or retighten the fuel fill cap until it clicks at least once. The MIL should go off after several days of normal driving once the cap is tightened or replaced. If the MIL does not go off, have your vehicle inspected by a dealer. For more information, see page 410.





The multi-information display in the instrument panel displays various information and messages when the ignition switch is in the ON (II) position. Some of the messages help you operate your vehicle more comfortably.

Others help to keep you aware of the periodic maintenance your vehicle needs for continued trouble-free driving.

You can also customize some vehicle control settings to your liking with the multi-information display and the two buttons on the steering wheel (see page 101).

## **Normal Display Messages**

## Welcome DRIVER 1

When you unlock and open the driver's door with the remote transmitter, the display shows "Welcome DRIVER 1" or "Welcome DRIVER 2" depending on which remote transmitter you use. The driver's "ID" is detected by the transmitter. For more information about driver's "ID", see page 152.

## Goodbye

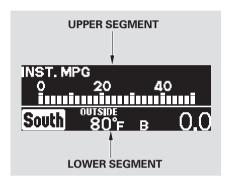
If you use the key to unlock the driver's door, the display only shows "Welcome." This means the system cannot recognize either "DRIVER 1" or "DRIVER 2." In this case, you cannot use the customized settings on the multi-information display (see page 101).

When you turn the ignition switch to the ACCESSORY (I) position, the display shows "Goodbye."

CONTINUED

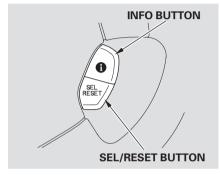
Instruments and Controls





The multi-information display consists of two segments; an upper segment and a lower segment.

In normal display mode, the upper segment displays the trip computer. The lower segment displays the odometer, Trip A/B, outside temperature, compass, and engine oil life and maintenance message.



To change the display, press the INFO button on the steering wheel repeatedly until the desired information appears (see page 84).

Messages in the trip computer include:

• INST. MPG (U.S. models)/ INST.L/100 km (Canadian models): Your vehicle's current fuel mileage.

When you turn off the engine, INST. MPG or INST. L/100 km is also reset.

• RANGE: The estimated distance you can travel on the fuel remaining in the tank. This distance is estimated from the fuel economy you received over the last several miles, so it will vary with changes in speed, traffic, etc.

When the battery is disconnected, or you refuel, RANGE is also reset.



• ELAPSED TIME: The time traveled since you last reset the trip computer.
When you turn the ignition switch to the ON (II) position, ELAPSED TIME is reset.

You can customize the ELAPSED TIME reset condition in the multiinformation display (see page 117).

• AVERAGE SPEED: The average speed you are traveling.

When you reset Trip A, AVERAGE SPEED is also reset. • AVERAGE FUEL A/B: This shows your vehicle's average fuel economy in mpg (U.S. models) or  $\ell$ /100 km (Canadian models) since you last reset Trip A or Trip B. When you select Trip B in the lower segment by pressing the SEL/RESET button on the steering wheel, or the Select/Reset knob on the instrument panel, AVERAGE FUEL B appears on the upper segment.

You can customize the Trip A and AVERAGE FUEL A reset condition in the multi-information display (see page 112).

The average fuel mileage will be reset when you reset the trip meter, or if the vehicle's battery goes dead or is disconnected.

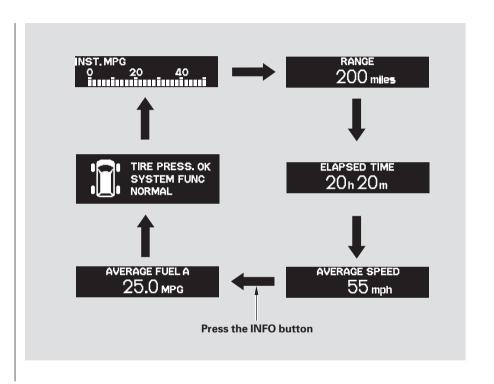
struments and Controls

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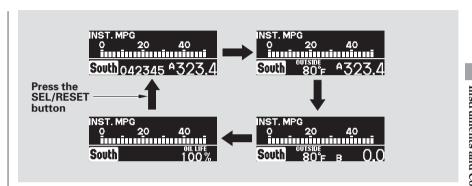
If you press the INFO button while AVERAGE FUEL is displayed, you will see the tire pressure monitor in both segments. This monitor is a part of the tire pressure monitoring system (TPMS). See page 334 for more information.

Pressing the INFO button again brings the display back to the initial display of the trip computer "INST. MPG" (U.S. models) or "INST. L/ 100 km" (Canadian models).





In the lower segment, each time you press the SEL/RESET button on the steering wheel, the display changes from "Trip A/Odometer" to "Trip A/Outside Temperature" to "Trip B/Outside Temperature" to "Engine Oil Life", and then back to the "Trip A/Odometer" as shown in the next column.



You can also change the display by pushing the select/reset knob in the instrument panel.

When you turn the ignition switch to the ON (II) position, what you last selected is displayed.

#### **Odometer**

The odometer shows the total distance your vehicle has been driven. It measures miles in U.S. models and kilometers in Canadian models. It is illegal under U.S. federal law and Canadian provincial regulations to disconnect, reset, or alter the odometer with the intent to change the number of miles or kilometers indicated.

Instruments and Controls

#### **Trip Meter**

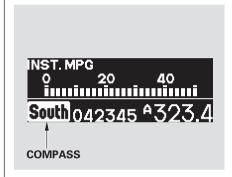
While a trip meter is displayed, you can change the display between "Trip A" and "Trip B" by pressing the SEL/RESET button on the steering wheel, or the select/reset knob on the instrument panel.

To reset a trip meter, display it, then press and hold the SEL/RESET button until the number resets to "0.0".

When you reset Trip A, AVERAGE FUEL A is reset at the same time. When you reset Trip B, AVERAGE FUEL B is reset.

You can customize the Trip A and AVERAGE FUEL A reset condition in the multi-information display (see page 112).

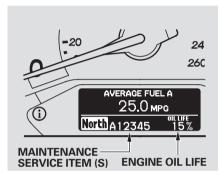
## **Compass**



In the left corner of the lower segment, a compass indicates which direction your vehicle is pointed.

You can customize the *Compass Zone Selection* in the multi-information display (see page 114).

#### Maintenance Minder

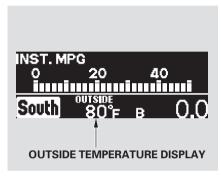


The multi-information display in the instrument panel shows you the engine oil life and maintenance service items when the ignition switch is in the ON (II) position. This information helps to keep you aware of the periodic maintenance your vehicle needs for continued trouble-free driving. Refer to page 347 for more information.





## **Outside Temperature Display**



This shows the outside temperature in Fahrenheit (U.S. models), or in Centigrade (Canadian models).

The temperature sensor is in the front bumper. The temperature reading can be affected by heat reflection from the road surface, engine heat, and the exhaust from surrounding traffic. This can cause an incorrect temperature reading when your vehicle speed is under 19 mph (30 km/h). When you start your trip, the sensor is not fully acclimatized, therefore it may take several minutes until the proper temperature is displayed.

In certain weather conditions, temperature readings near freezing (32°F, 0°C) could mean that ice is forming on the road surface.

You can adjust the outside temperature in the multi-information display (see page 110).

#### **System Messages**

If there is a problem with your vehicle, for example, the engine oil level is low or a door is not fully closed, the multi-information display will show you the problem. It does this by interrupting the current display with one or more messages.

Here is a list of messages shown on the multi-information display:

CONTINUED



WARNING: APPROACHING OBJECT	See page 94, 300
DOOR & TAILGATE OPEN	See page 11, 91
FASTEN SEATBELT  FASTEN PASSENGER SEAT BELT	See page 21, 91
RELEASE PARKING BRAKE  RELEASE PARKING PARKING BRAKE  Canada	See page 91, 411
BRAKE PLUID LOW U.S.  BRAKE PLUID LOW Canada	See page 93, 411

CHECK BRAKE SYSTEM U.S.  CHECK BRAKE SYSTEM U.S.  CHECK BRAKE SYSTEM Canada	See page 97, 411
TPMS CHECK TPMS SYSTEM	See page 95, 333
CHECK TIRE PRESSURE	See page 94, 332
PAX SYSTEM WARNING  RUN FLAT LIMIT  STOP DRIVING  PAX SYSTEM WARNING RUN FLAT CHECK TIRE SOON  PAX SYSTEM WARNING RUN FLAT DRIVING MAX 50MPH	See page 100, 392

CHECK ENGINE OIL LEVEL	See page 96, 409
- + CHECK CHARGING SYSTEM	See page 96, 409
CHECK EMISSION SYSTEM	See page 97, 410
CHECK TRANSMIS- SION	See page 97
CHECK AIRBAG SYSTEM	See page 34, 98



(ABS) CHECK ABS SYSTEM	See page 98, 328
VSA CHECK VSA SYSTEM	See page 96, 330
SIDE PASSEN-GER SIDE AIRBAG OFF U.S.  PASSEN-GER SIDE AIRBAG OFF AIRBAG OFF Canada	See page 35, 94
DRL CHECK DRL SYSTEM	See page 99, 141
TAIL CHECK POWER TAILGATE U.S.  CHECK POWER TAILGATE Canada	See page 99, 163

\* : Canadian model only

SLIDE CHECK LEFT DOOR SLIDING DOOR CHECK LEFT SLIDING DOOR CANADA CANADA CANADA CANADA CANADA CANADA	See page 99, 169
CHECK PARKING SENSOR SYSTEM	See page 98, 301
FUEL LOW	See page 93
TIGHTEN FUEL CAP	See page 92
WASHER FLUID LOW	See page 93

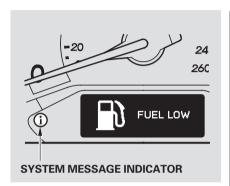
\* : Canadian model only

SERVICE DUE SOON A12345	See page 95, 349
REMOVE KEY	See page 92

nstruments and Controls

CONTINUED





The system message (s) triggers the appropriate indicator (s) on the instrument panel, including the system message indicator, to come on. The system message indicator does not go off until the problem (s) is corrected.

You will also hear a beep when the system message indicator comes on for the first time.

Most of the messages are displayed for about 5 seconds, and then the normal display returns. If there are several system messages to be shown, the display switches these messages every 5 seconds.

To cancel the message(s) before 5 seconds elapsed, press the INFO button on the steering wheel.

Even if you press the INFO button, some messages stay on or come on again at regular intervals until the problem is corrected:

- FASTEN SEAT BELT
- FASTEN PASSENGER SEAT BELT
- RELEASE PARKING BRAKE
- WARNING: APPROCHING OBJECT
- PAX SYSTEM WARNING (U.S. Touring model only)

You can see the message(s) again by pressing the INFO button repeatedly if the system message indicator remains lit on the instrument panel.





#### Fasten Seat Belt



In addition to the seat belt reminder indicator on the instrument panel, the multi-information display interrupts the current display and shows "FASTEN SEAT BELT" or "FASTEN PASSENGER SEAT BELT" if you or your front passenger do not fasten your seat belts while driving. This message remains displayed if you ignore it and do not wear your seat belts while the vehicle is moving.

### Door and Tailgate Open



If the tailgate or any door(s) is not closed tightly, the display reminds you to close the tailgate or the door(s) before you start driving. This display continues until you close the door(s) or the tailgate. Pressing the INFO button on the steering wheel momentarily change the display to the normal display, but it will come back after 5 seconds.

### Release Parking Brake



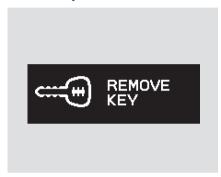
If you start driving without releasing the parking brake, the multi-information display interrupts the current display and shows "RELEASE PARKING BRAKE." This message continues, and a chime sounds, until you release the parking brake, or the vehicle speed slows down to less than 0.5 mph (0.8 km/h).

**CONTINUED** 

Instruments and Controls



## Remove Key



If you leave the key in the ignition switch in the LOCK (0) or ACCESSORY (I) position and open the driver's door, you will see "REMOVE KEY" on the display and hear a reminder beeper.

### Tighten Fuel Cap



Your vehicle's on board diagnostic system will detect a loose or missing fuel fill cap as an evaporative system leak. The first time a leak is detected a "TIGHTEN FUEL CAP" message appears on the multi-information display. Turn the engine off, and confirm the fuel fill cap is installed. If it is, loosen it, then retighten it until it clicks at least once. The message should go off after several days of normal driving once you tighten or

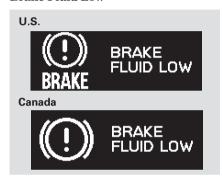
replace the fuel fill cap. To scroll to another message, press the INFO button. The "TIGHTEN FUEL CAP" message will appear each time you restart the engine until the system turns the message off.

If the system still detects a leak in your vehicle's evaporative emissions system, the malfunction indicator lamp (MIL) comes on. If the fuel fill cap was not already tightened, turn the engine off, and check or retighten the fuel fill cap until it clicks at least once. The MIL should go off after several days of normal driving once the cap is tightened or replaced. If the MIL does not go off, have your vehicle inspected by a dealer. For more information, see page 410 .





#### Brake Fluid Low



If the brake fluid level is at or below the MIN mark on the side of the brake fluid reservoir in the engine compartment, you will see "BRAKE FLUID LOW." If you see this message, have the brake system checked by your dealer (see page 411).

#### Fuel Low



If the level of the fuel in the tank gets low, you will see "FUEL LOW" on the multi-information display, and you must refuel soon. The low fuel indicator on the instrument panel will also come on.

#### Washer Fluid Low



On Canadian model only
If the fluid level in the windshield
washer reservoir gets low, you will
see "WASHER FLUID LOW" on the
multi-information display.

**CONTINUED** 



#### Passenger Side Airbag Off



If the passenger's side airbag has automatically shut off, you will see "PASSENGER SIDE AIRBAG OFF" on the multi-information display. See page 35 for more information.

#### Check Tire Pressure



If one or more of your vehicle tires are low on pressure, you will see a "CHECK TIRE PRESSURE" message on the display. See page 332 for more information on the tire pressure monitoring system (TPMS).

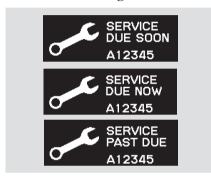
### Warning: Approaching Object



This message, and the indicator to the left of the message, is part of the parking sensor system. If you are approaching too close to an object, you will see "WARNING:
APPROACHING OBJECT" on the display and hear a beeper. See page 300 for more information.



#### Maintenance Messages



When the engine oil life reaches 15 %, the display shows "SERVICE DUE SOON" and the code for the maintenance items to be performed.

When the engine oil life reaches 5 %, the display shows "SERVICE DUE NOW" along with the same maintenance items.

Have your dealer do the indicated maintenance as soon as you see this message, and have them reset the display after completing the service.

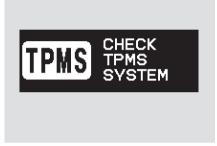
If you do not perform the indicated maintenance or do not reset the display, the message changes to "SERVICE PAST DUE" when the engine oil life becomes 0 %.

These messages appear on the multiinformation display each time you turn the ignition switch to the ON (II) position.

For details on engine oil life and maintenance messages, refer to page 349.

Also refer to page 346 for important maintenance safety precautions.

### Check TPMS System



If there is a problem in the tire pressure monitoring system (TPMS), you will see "CHECK TPMS SYSTEM" on the multi-information display. If you see this message, the TPMS is not monitoring tire pressures. Have the TPMS checked by your dealer as soon as possible (see page 336).

CONTINUED



## Check VSA System



If there is a problem with the vehicle stability assist (VSA) system, you will see "CHECK VSA SYSTEM" on the multi-information display. If you see this message, have the VSA system checked by your dealer (see page 330 ).

### Check Engine Oil Level



If the engine oil is very low or has lost pressure, you will see "CHECK ENGINE OIL LEVEL" on the multi-information display. You will also see the low oil pressure indicator in the instrument panel flashing or staying on. If you see this message, you should take immediate action since serious engine damage is possible. Follow the procedure on page 409 .

### Check Charging System



If you see "CHECK CHARGING SYSTEM" on the multi-information display, it means the battery is not being charged. See page 409 for more information.



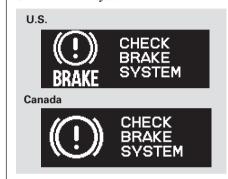


## Check Emission System



If you see "CHECK EMISSION SYSTEM" on the multi-information display, it means one of the engine's emission systems may have a problem. Have your vehicle checked by your dealer (see page 410).

### Check Brake System



If there is a problem with the brake system, you will see "CHECK BRAKE SYSTEM" on the multi-information display. The parking brake and brake system indicator in the instrument panel will also come on. See page 411 for more information.

#### Check Transmission



If there is a problem with the automatic transmission, you will see "CHECK TRANSMISSION" on the multi-information display. Avoid rapid acceleration, and have the transmission checked by a dealer as soon as possible.

**CONTINUED** 



#### Check ABS System



If there is a problem in the anti-lock brake system (ABS), you will see "CHECK ABS SYSTEM" on the multi-information display. If you see this message, have your vehicle checked by a dealer (see page 328).

### Check Airbag System



If there is a problem with your front airbags, side airbags, passenger's side airbag automatic cutoff system, automatic seat belt tensioners, side curtain airbags, driver's seat position sensor, or the front passenger's weight sensors, you will see "CHECK AIRBAG SYSTEM" on the multi-information display. Take your vehicle to a dealer as soon as possible (see page 34).

#### Check Parking Sensor System



If there is a problem with the parking sensor system, the multiinformation display shows a "CHECK PARKING SENSOR SYSTEM" message. See page 301 for more information.



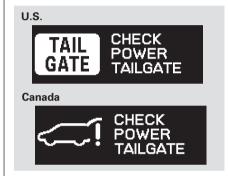


#### Check Left/Right Sliding Door



If there is a problem with either power sliding door, the multi-information display shows "CHECK LEFT SLIDING DOOR" or "CHECK RIGHT SLIDING DOOR." See page 169 for more information.

#### Check Power Tailgate



If there is a problem with the power tailgate, the display shows "CHECK POWER TAILGATE." See page 161 for more information.

#### Check DRL System



On Canadian model only
If you see a "CHECK DRL
SYSTEM" message on the multiinformation display, there is a
problem in the high beam headlight's
circuit. Take your vehicle to a dealer
to have it checked.

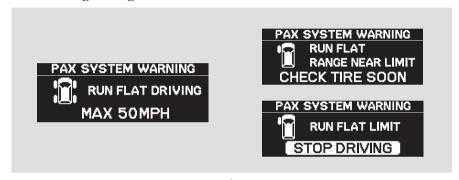
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Instruments and Controls

## PAX Warning Messages



On U.S. model only
Your vehicle is equipped with the
Michelin PAX system. The PAX
system uses the multi-information
display to show you one of three
messages while you are driving with
a flat tire.

For more information, see page 392.



**Customized Settings** 

With the ignition switch in the ON (II) position, press and hold the INFO button for more than 3 seconds. "CUSTOMIZE ENTRY" appears on the multi-information display.

You can customize some vehicle control settings for "DRIVER 1" and "DRIVER 2" separately.

To have the driver's ID detected, make sure you use your transmitter to unlock the driver's door.

If you use the key to unlock the driver's door, the system cannot recognize either "DRIVER 1" or "DRIVER 2." In this case, when you try to enter the customizing mode, "DRIVER UNKNOWN CUSTOMIZE IMPOSSIBLE" will be displayed, and you cannot customize the settings.

You cannot customize the settings under these conditions:

- If you turn the ignition switch to the ACCESSORY (I) or the LOCK (0) position.
- If you move the shift lever out of Park

You can cancel each custom setting (Driver 1, Driver 2). Press and hold the LOCK and SLIDING DOOR button (passenger's side) at the same time until the LED in the remote transmitter will blink twice. At this time, the custom setting is changed to the default setting. To activate each custom setting (Driver 1, Driver 2), repeat this procedure. The LED will blink for 1 second to indicate the custom setting has been activated.

The first customizing menu is:

- CHANGE SETTING
- DEFAULT ALL

If you want to change any vehicle control settings, select "CHANGE SETTING," and follow the instructions on page 106.

If you want the settings as they were when the vehicle left the factory, select "DEFAULT ALL," as described on page 104.

Use the INFO button on the steering wheel to see the settings, and the SEL/RESET button to enter your selections.

Refer to the table on the following pages about the settings you want to customize.

**CONTINUED** 



Group Setup	Menu Item	Description	Setting Option	Page
METER SETUP	LANGUAGE	Changes the language used in the display.	ENGLISH*	108
(P. 107)	SELECTION		FRENCH	
			SPANISH	
	ADJUST OUTSIDE	Changes the outside temperature reading above or	$-5$ F $^{\circ}$ $\sim \pm 0$ $^{\circ}$ F $^{*}$ $\sim 5$ F $^{\circ}$ (U.S.)	110
	TEMP. DISPLAY	below its current reading.	-3C° ~ ±0°C* ~3C°	
			(Canada)	
	TRIP A & AVG. FUEL	Causes trip meter A and the average fuel economy to	ON	112
	RESET with REFUEL	reset when you refuel.	OFF*	
	COMPASS ZONE	Selects the zone number if the direction of your	1~8*~15	114
	SELECTION	vehicle differs from true north.		
	ELAPSED TIME Resets the elapsed time of y	Resets the elapsed time of your current trip.	IGN RESET*	117
	RESET		TRIP A RESET	
			TRIP B RESET	1
POSITION SETUP	MEMORY POSITION	Changes the driver's seat to a stored setting.	ON*	119
(P. 119)	LINK		OFF	1
LIGHTING	INTERIOR LIGHT	Changes how long (in seconds) the interior lights stay	15 sec	121
SETUP	DIMMING TIME	on after you close the doors.	30 sec*	1
(P. 121)			60 sec	
	HEADLIGHT AUTO	Changes how long (in seconds) the exterior lights	0 sec	123
OFF TIMER	OFF TIMER	stay on after you close the driver's door.	15 sec*	1
			30 sec	1
			60 sec	1

\*: Default setting



Group Setup	Menu Item	Description	Setting Option	Page
DOOR · WINDOW	AUTO DOOR LOCK	Changes when the doors automatically lock.	SHIFT FROM P	126
SETUP			WITH VEH SPEED*	]
(P. 125)			OFF	1
	AUTO DOOR UNLOCK	Changes when the doors automatically unlock.	DRIVER'S DOOR WITH	128
			SHIFT TO P*	
			ALL DOORS WITH SHIFT	1
			TO P	
			DRIVER'S DOOR WITH	1
			IGN OFF	
			ALL DOORS WITH IGN	1
			OFF	
			OFF	1
	KEYLESS LOCK	The exterior lights flash each time you press the	ON*	130
	ACKNOWLEDGEMENT	LOCK or UNLOCK button. A beeper will also sound	OFF	1
		when you press the LOCK button twice.		
	SECURTY RELOCK	Changes how long it takes (in seconds) for the doors	30 sec*	132
	TIMER	to relock and the security system to set after you	60 sec	1
		unlock the door without opening it.	90 sec	1
WIPER SETUP	WIPER ACTION	Changes the wiper operation between two settings	WITH VEH SPD*	134
(P. 134)		when the wiper switch is in the INT position.	INTERMITTENT	
DEFAULT ALL		Changes all the customized settings to as they were	OK	104
		when the vehicle left the factory.	CANCEL	1

\*: Default setting



#### **DEFAULT ALL**



To enter the customizing mode, press and hold the INFO button for more than 3 seconds. Then select "DEFAULT ALL" by pressing the INFO button.

Press the SEL/RESET button to enter "DEFAULT ALL."



To set the default settings, select "OK" by pressing the INFO button, then press the SEL/RESET button.



When "DEFAULT ALL" is completed successfully, you will see the above display for several seconds, and the display will return to "CUSTOMIZE ENTRY."





If "DEFAULT ALL" is not completed successfully, you will see the above display for several seconds, then the display goes back to the normal message mode. Repeat the procedure to select "DEFAULT ALL."



If you want to cancel "DEFAULT ALL," select "CANCEL," then press the SEL/RESET button. The display goes back to "CUSTOMIZE ENTRY."

Instruments and Controls

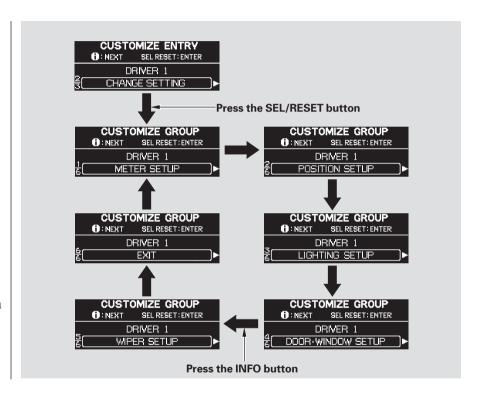


#### **Change Setting**

You can customize some of the vehicle control settings to your preference. Here are the settings you can customize:

- METER SETUP (see page 107)
- POSITION SETUP (see page 119)
- LIGHTING SETUP (see page 121)
- DOÓR · WINDOW SETUP (see page 125)
- WIPER SETUP (see page 134) While the multi-information display is showing "CHANGE SETTING," press the SEL/RESET button. The display will change to the initial display of CUSTOMIZE GROUP. Then, each time you press the INFO button, the display changes as shown in the next column.

Press the INFO button until you see the setup you want to customize, and press the SEL/RESET button to enter your selection.





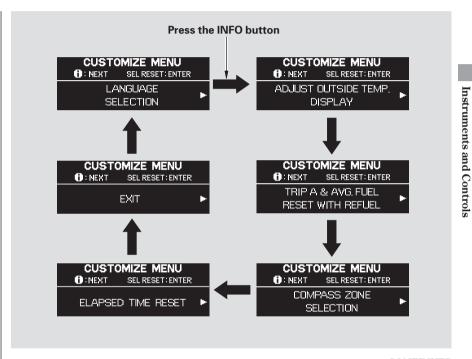
#### **Meter Setup**

There are four custom settings items in the Meter Setup:

- LANGUAGE SELECTION (see page108)
- ADJUST OUTSIDE TEMP. DISPLAY (see page110)
- TRIP A & AVG. FUEL A RESET with REFUEL (see page 112)
- COMPASS ZONE SELECTION (see page 114)
- ELAPSED TIME RESET (see page 117)

While "METER SETUP" is displayed, press the SEL/RESET button on the steering wheel. Then, press the INFO button repeatedly. Each time you press the INFO button, the display changes as shown.

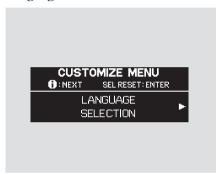
To customize a setting, press the INFO button repeatedly until you see the setting, and press the SEL/RESET button. Then, follow the procedures described on the following pages.



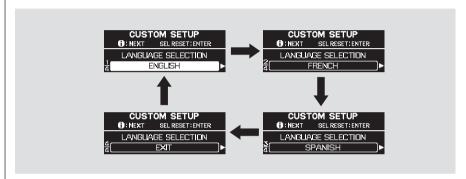
**CONTINUED** 



#### Language Selection



While the multi-information display is showing "METER SETUP," press the SEL/RESET button on the steering wheel. The display changes to "LANGUAGE SELECTION." Press the SEL/RESET button again to enter the language selection mode.



There are three selectable languages, English, French, and Spanish. Each time you press the INFO button, the display changes as shown. Select the language you want by pressing the INFO button, and press the SEL/RESET button to enter your selection.



#### CUSTOM SETUP

LANGUAGE SELECTION ENGLISH

When language selection is successfully completed, the display changes to the screen shown above for several seconds, then goes back to "CUSTOMIZE MENU."

All the messages in the multiinformation display will be in the language you selected.



If you fail to select a language properly, you will see the above display for several seconds, then the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "LANGUAGE SELECTION," press the INFO button repeatedly until you see "EXIT," then press the SEL/RESET button. The display goes back to "CUSTOMIZE MENU."

CONTINUED



Adjust Outside Temp. Display
If you find that the temperature
reading is always a few degrees
below or above the actual
temperature, adjust it as described
on the following columns.



While the multi-information display shows "METER SETUP," press the SEL/RESET button on the steering wheel. The display changes to the "CUSTOMIZE MENU." Press the INFO button once, and you will see "ADJUST OUTSIDE TEMP. DISPLAY" as shown above.



Press the SEL/RESET button. The display changes as shown above. The highlighted number is the current adjustment above or below the outside temperature. Press the INFO button repeatedly until the appropriate number appears, then press the SEL/RESET button to enter your selection.





Instruments and Controls

CUSTOM SETUP

ADJ. OUTSIDE TEMP. DISPLAY
+2°F

When your selection is successfully entered, you will see the above display for several seconds, and then the display changes back to "CUSTOMIZE MENU."

CUSTOM SETUP

ADJ. OUTSIDE TEMP. DISPLAY

"ERROR"

If you fail to enter the desired adjustment properly, you will see the above display for several seconds, then the display goes back to "CUSTOMIZE MENU." Repeat the adjustment.

To exit "ADJUST OUTSIDE TEMP. DISPLAY," press the INFO button until you see "EXIT," and press the SEL/RESET button. The display goes back to "CUSTOMIZE MENU."

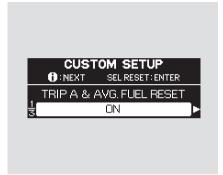
CONTINUED



*Trip A & Avg. Fuel Reset with Refuel* To cause "Trip meter A" and "Average Fuel Economy" to reset every time you refuel your vehicle, adjust it as described on the following pages.



While the multi-information display shows "METER SETUP" of the "CUSTOMIZE GROUP," press the SEL/RESET button on the steering wheel. The display changes to "CUSTOMIZE MENU." Press the INFO button repeatedly until you see "TRIP A & AVG. FUEL RESET WITH FUEL" in the lower segment as shown above.



Press the SEL/RESET button. The display changes as shown above. The lower segment changes between "ON" and "OFF" each time you press the INFO button. Enter your selection by pressing the SEL/RESET button.





CUSTOM SETUP

TRIP A & AVG. FUEL RESET ON

When your selection is successfully entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."

CUSTOM SETUP TRIP A & AVG. FUEL RESET "ERROR"

If you fail to enter your selection, you will see the above display for several seconds, then the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "TRIP A & AVG. FUEL WITH REFUEL," press the INFO button until you see "EXIT," and press the SEL/RESET button. The display goes back to "CUSTOMIZE MENÚ."

**CONTINUED** 

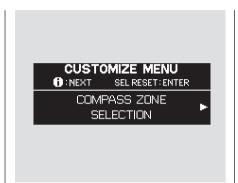




#### Compass Zone Selection

On Touring models without navigation system

In most areas, there is a variation between magnetic north and true north. Zone selection is required so the compass can compensate for this variation. To check and select the zone set into the compass, do the procedure on the following pages.



While the multi-information display shows "METER SETUP," press the SEL/RESET button on the steering wheel. The display changes to the "CUSTOMIZE MENU." Press the INFO button repeatedly until you see "COMPASS ZONE SELECTION" in the lower segment as shown above.



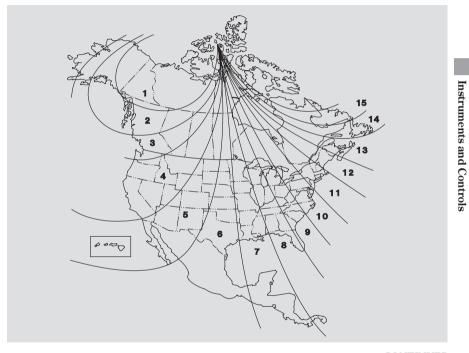
Press the SEL/RESET button. The display changes as shown above.





Find the zone for your area on the map shown in the next column.

Press the INFO button until you see your zone number in the lower segment. Then press the SEL/ RESET button to enter your zone number.



CONTINUED





When your zone number is successfully entered, you will see the above display for several seconds, then the display changes to "CUSTOMIZE MENU."



If you fail to enter your zone number, you will see the above display for several seconds, then the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "COMPASS ZONE SELECTION," press the INFO button until you see "EXIT," and press the SEL/RESET button. The display goes back to "CUSTOMIZE MENU."





#### Elapsed Time Reset

There are three possible settings:

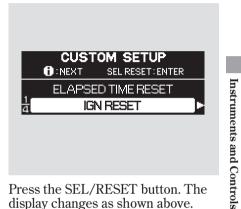
IGN RESET: The elapsed time resets each time the ignition switch is turned to the ON (II) position.

TRIP A RESET: The elapsed time resets each time the TRÎP A is reset.

TRIP B RESET: The elapsed time resets each time the TRIP B is reset.



While the multi-information display shows "METER SETUP" of the "CUSTOMIZE GROUP," press the SEL/RESET button on the steering wheel. The display changes to "CUSTOMIZE MENU." Press the INFO button repeatedly until you see "ELAPSED TIME RESET" in the lower segment as shown above.



Press the SEL/RESET button. The display changes as shown above.

Press the INFO button repeatedly until the desired condition appears, then press the SEL/RESET button to enter your selection.

**CONTINUED** 

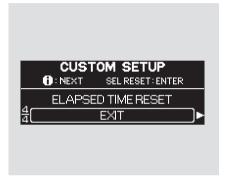




When your selection is entered, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



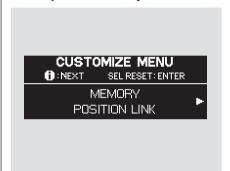
To exit "ELAPSED TIME RESET," press the INFO button until you see "EXIT," then press the SEL/RESET button.

#### **Position Setup**

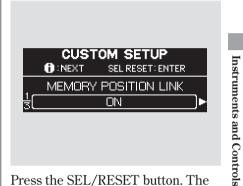
If "MEMORY POSITION LINK" is "ON," the driver's seat moves to the position stored in the memory when you open the driver's door, using the remote transmitter.

Refer to page 185 for setting the seat position memory. Also refer to page 152 for remote transmitter use.

#### Memory Position Setup



While the multi-information display shows "POSITION SETUP," press the SEL/RESET button on the steering wheel. The display changes to "MEMORY POSITION LINK" as shown above.

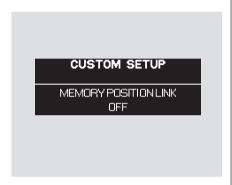


Press the SEL/RESET button. The display changes as shown above.

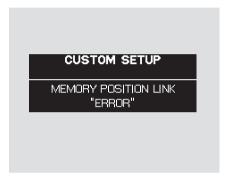
Select "ON" or "OFF" by pressing the INFO button, and enter your selection by pressing the SEL/ RESET button.

CONTINUED

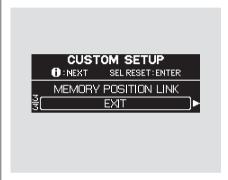




When your selection is entered, you will see the above display for several seconds, then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU."
Repeat the setup.



To exit "MEMORY POSITION LINK," press the INFO button until you see "EXIT," then press the SEL/ RESET button.

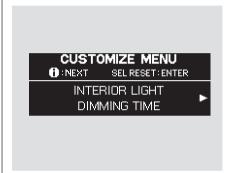
#### **Lighting Setup**

There are two custom settings in the Lighting Setup:

- INTERIOR LIGHT DIMMING TIME (see page 121)
- HEADLIGHT AUTO OFF TIMER (see page 123)

While the "LIGHTING SETUP" is displayed, press the SEL/RESET button on the steering wheel. Each time you press the INFO button, the display changes between "INTERIOR LIGHT DIMMING TIME" and "HEADLIGHT AUTO OFF TIMER." To make your selection, press the SEL/RESET button.

### Interior Light Dimming Time



The interior lights fade out when you close all doors. You can change the time that the interior lights fade out.

While the multi-information display shows "LIGHTING SETUP," press the SEL/RESET button on the steering wheel. The display changes to "INTERIOR LIGHT DIMMING TIME" as shown above.



Press the SEL/RESET button. The display changes as shown above.

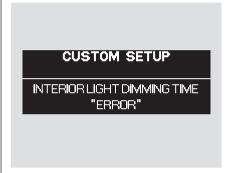
Each time you press the INFO button, the highlighted number changes from "15 sec," to "30 sec," and then to "60 sec." To make your selection, press the SEL/RESET button.

**CONTINUED** 

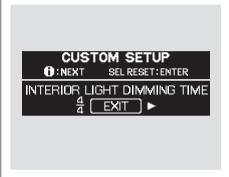




When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "INTERIOR LIGHT DIMMING TIME," press the INFO button until you see "EXIT," then press the SEL/RESET button.





#### Headlight Auto Off Timer

The headlights, parking lights, taillights, and license plate light turn off after the selected time when you remove the key from the ignition switch and close the driver's door.



While the multi-information display shows "LIGHTING SETUP," press the SEL/RESET button on the steering wheel. Then press the INFO button to display "HEADLIGHT AUTO OFF TIMER" as shown above.



Press the SEL/RESET button. The display changes as shown above.

Each time you press the INFO button, the highlighted number changes from "0 sec," to "15 sec," to "30 sec," and then to "60 sec." Press the INFO button repeatedly until the desired time appears, then press the SEL/RESET button to enter your selection.

CONTINUED





When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back "CUSTOMIZE MENU." Repeat the setup.



To exit "HEADLIGHT AUTO OFF TIMER," press the INFO button until you see "EXIT," then press the SEL/RESET button.





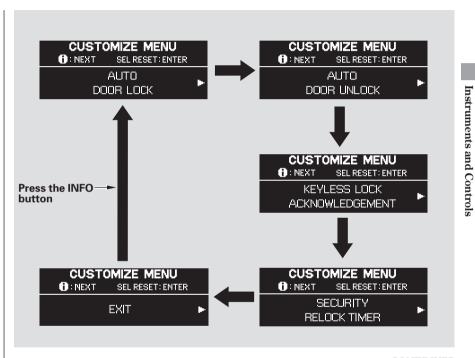
#### Door · Window Setup

There are three custom settings in the Door · Window Setup:

- AUTO DOOR LOCK (see page 126)
- AUTO DOOR UNLOCK (see page 128)
- KEYLESŚ LOCK ACKNOWLEDGEMENT (see page 130)
- SECURITY RELOCK TIMER (see page 132)

While the multi-information display shows "DOOR · WINDOW SETUP," press the SEL/RESET button on the steering wheel. Each time you press the INFO button, the display changes as shown in the next column.

To customize a setting, press the INFO button repeatedly until you see the setting you want to customize, and press the SEL/RESET button. Then follow the procedures described on the following pages.



**CONTINUED** 



#### Auto Door Lock

There are three settings you can choose from:

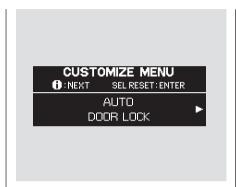
#### OFF -

The auto door lock is deactivated all the time.

VEHICLE SPEED - The doors lock when the vehicle speed reaches 10 mph (15 km/h).

#### SHIFT FROM P -

The doors lock whenever you move the shift lever out of Park.



While the multi-information display shows "DOOR-WINDOW SETUP" press the SEL/RESET button on the steering wheel. The display changes to "AUTO DOOR LOCK" as shown above.



Press the SEL/RESET button. The display changes as shown above.

Press the INFO button repeatedly until the desired condition appears, then press the SEL/RESET button to enter your selection.

When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "AUTO DOOR LOCK," press the INFO button until you see "EXIT," then press the SEL/RESET button.

Instruments and Controls

CONTINUED



#### Auto Door Unlock

There are three settings you can choose from:

SHIFT TO P — The driver's door or all the doors unlock when you move the shift lever to Park.

IGN OFF — The driver's door or all the doors unlock when you turn the ignition switch to the LOCK (0) position.

OFF — The auto door unlock is deactivated all the time.



While the multi-information display shows "DOOR-WINDOW SETUP," press the SEL/RESET button on the steering wheel. Then press the INFO button once. The display changes to "AUTO DOOR UNLOCK" as shown above.



Press the SEL/RESET button. The display changes as shown above.

Press the INFO button repeatedly until the desired condition appears, and press the SEL/RESET button to enter your selection.





AUTO DOOR UNLOCK ALL DOORS with SHIFT to P

When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "AUTO DOOR UNLOCK," press the INFO button until you see "EXIT," then press the SEL/RESET button.

CONTINUED

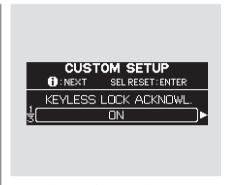


Keyless Lock Acknowledgement
When you press the UNLOCK
button on the remote transmitter to
unlock the doors and the tailgate, the
exterior lights blink twice to verify
that the doors and the tailgate are
unlocked and the security system is
turned off.

When you push the LOCK button on the remote transmitter, some exterior lights flash, and a beeper sounds when you push the LOCK button again within 5 seconds to verify that the doors and the tailgate are locked and the security system has set (see page 290 ). You can customize the exterior lights not to flash and the beeper not to sound.



While the multi-information display shows "DOOR-WINDOW SETUP," press the SEL/RESET button on the steering wheel. Then press the INFO button repeatedly until you see "KEYLESS LOCK ACKNOWLEDGEMENT" as shown above.



Press the SEL/RESET button. The display changes as shown above.

Each time you press the INFO button, the display changes to "ON," to "OFF," then to "EXIT."

Select "ON" or "OFF" by pressing the INFO button, and enter your selection by pressing the SEL/ RESET button.





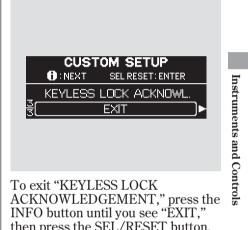
CUSTOM SETUP

KEYLESS LOCK ACKNOWL. OFF

When your selection is entered, you will see the above display for several seconds, and then the display changes to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



then press the SEL/RESET button.

**CONTINUED** 



#### Security Relock Timer

If you unlock the doors and the tailgate with the remote transmitter, but do not open any of the doors or the tailgate within 30 seconds, the doors and the tailgate automatically relock and the security system sets.

You can change this relock time from 30 seconds to 60 or 90 seconds.



While the multi-information display shows "DOOR-WINDOW SETUP," press the SEL/RESET button on the steering wheel. Then press the INFO button repeatedly until you see "SECURITY RELOCK TIMER" as shown above.



Press the SEL/RESET button, then press the INFO button.

Select the desired relock time by pressing the INFO button, and enter your selection by pressing the SEL/RESET button.







When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.



To exit "SECURITY RELOCK TIMER," press the INFO button until you see "EXIT," then press the SEL/RESET button. Instruments and Controls

#### **Wiper Setup**

You can select from these two settings when the wiper switch is in the INT (intermittent) position:

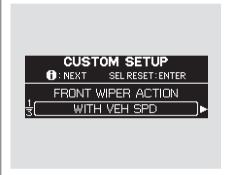
WITH VEH SPD — The intermittent operation varies according to vehicle speed.

INTERMITTENT — The intermittent operation varies according to the selection you make on the wiper lever's intermittent control ring.

#### Front Wiper Action



With "WIPER SETUP" shown on the multi-information display, press the SEL/RESET button on the steering wheel. The display changes to "FRONT WIPER ACTION" as shown above.



Press the SEL/RESET button. The display changes as shown above.

Press the INFO button to select "WITH VEH SPD" or "INTERMITTENT," and enter your selection by pressing the SEL/ RESET button.





FRONT WIPER ACTION INTERMITTENT

When your selection is entered, you will see the above display for several seconds, and then the display goes back to "CUSTOMIZE MENU."



If you fail to enter your selection, you will see the above display for several seconds, and the display goes back to "CUSTOMIZE MENU." Repeat the setup.

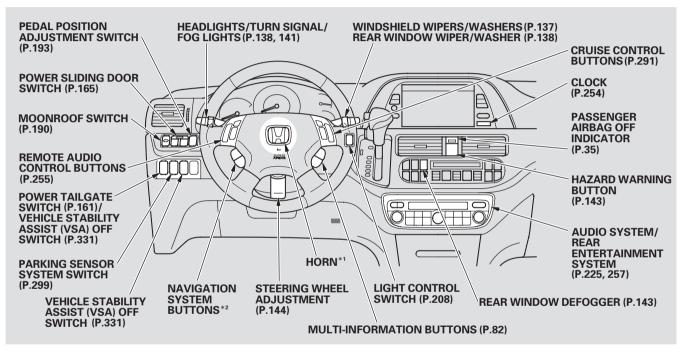


To exit "FRONT WIPER ACTION," press the INFO button until you see "EXIT," then press the SEL/RESET button.

Instruments and Controls



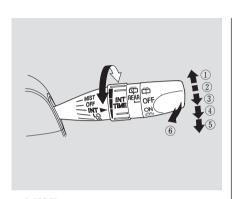
# Controls Near the Steering Wheel



- f 1: To use the horn, press the pad around the "H" logo.
- \*2: Only on vehicles equipped with navigation system. Refer to the navigation system manual.



### Windshield Wipers and Washers



- 1. MIST
- 2. OFF
- 3. INT Intermittent
- 4. LO − Low speed
- 5. HI High speed
- 6. Windshield washers

Push the right lever up or down to select a position.

**MIST** — The wipers run at high speed until you release the lever.

**OFF** — The wipers are not activated.

INT — The length of the wipe interval is varied automatically according to the vehicle's speed. Vary the delay by turning the INT TIME ring.

If you turn it to the shortest delay, the wipers will change to low speed operation when the vehicle speed exceeds 12 mph (20 km/h).

**LO** — The wipers run at low speed.

HI — The wipers run at high speed.

Windshield Washer — Pull the wiper control lever toward you, and hold it. The washers spray until you release the lever. The wipers run at low speed, then complete one more sweep after you release the lever.

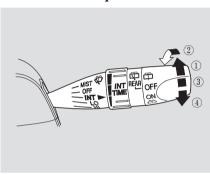
On Touring models

You can customize some windshield wiper settings. See page 134 for more information.



### Windshield Wipers and Washers, Turn Signal, Headlights

### **Rear Window Wiper and Washer**



- 1. To turn on the rear window wiper, rotate the switch clockwise to ON. It operates intermittently.
- 2. Hold past ON to turn the window wiper on and the window washer on.
- 3. OFF
- 4. Rotate the switch counterclockwise to spray the window washer without activating the wiper.

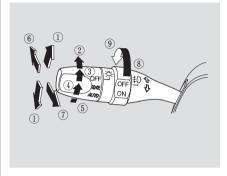
When you shift the transmission to the reverse position with the front windshield wipers activated, the rear window wiper operates automatically.

When the wiper control lever is positioned as follows:

**INT** —The rear window wiper operates intermittently.

**LO** or **HI** — The rear window wiper operates continuously.

#### **Turn Signal and Headlights**



- 1. Turn signal
- 2. Off
- 3. Parking and indicator lights
- 4. AUTO (Touring models only)
- 5. Headlights on
- 6. High beams
- 7. Flash high beams
- 8. Fog lights off (Touring models only)
- 9. Fog lights on (Touring models only)



## Turn Signal, Headlights

**Turn Signal** — Push down on the lever to signal a left turn and up to signal a right turn. To signal a lane change, push lightly on the lever, and hold it. The lever will return to center when you release it or complete a turn.

Headlights — The rotating switch on the left lever controls the lights. Turning this switch to the " २००६ " position turns on the parking lights, taillights, instrument panel lights, side-marker lights, and rear license plate lights.

Turning the switch to the " ≣D " position turns on the headlights.

When the light switch is in the " FOGE" or " ED" position, the lights on indicator comes on as a reminder. This indicator stays on if you leave the light switch on and turn the ignition switch to the ACCESSORY (I) or the LOCK (0) position.

If you leave the lights on with the key removed from the ignition switch, you will hear a reminder chime when you open the driver's door.

High Beams — To switch from low beams to high beams, push the left lever forward until you hear a click. The high beam indicator will come on (see page 72). Pull it back to return to low beams. To flash the high beams, pull the lever back lightly, then release it. The high beams will stay on as long as you hold the lever back.

CONTINUED



## Headlights

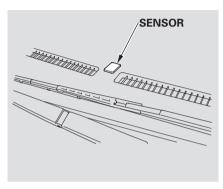
On Touring models

**AUTO** — The automatic lighting feature turns on the headlights, all other exterior lights, and the instrument panel lights when it senses low ambient light.

To turn on the automatic lighting, turn the light switch to AUTO at any time. The lights will come on automatically when the outside light level becomes low (at dusk, for example). The lights on indicator comes on as a reminder. The lights and indicator turn off automatically when the system senses high ambient light.

The lights turn off automatically when you turn the ignition switch to the LOCK (0) position. To turn them on again, either turn the ignition switch to the ON (II) position, or turn the light switch to ■□ position.

Even with the automatic lighting feature turned on, we recommend that you turn on the lights manually when driving at night or in a dense fog, or when you enter dark areas such as long tunnels or parking facilities.



The automatic lighting feature is controlled by a sensor located on top of the dashboard. Do not cover this sensor or spill liquids on it.



#### Fog Lights

On Touring models
Turn the fog lights on and off by
turning the switch next to the
headlight switch.

You can use the fog lights only when the headlights are on low beam. They will go off when the headlights are turned off.

# Daytime Running Lights (Canadian Models)

With the headlight switch off, the high beam headlights and the high beam indicator come on with reduced brightness when you turn the ignition switch to the ON (II) position and release the parking brake. They remain on until you turn the ignition switch off, even if you set the parking brake.

The headlights revert to normal operation when you turn them on with the switch.

#### **Automatic Lighting Off Feature**

On EX, EX-L and Touring models only This turns off the headlights, parking lights, taillights, side marker lights, license plate lights, and instrument panel lights within 15\* seconds of removing the key from the ignition switch and closing the driver's door.

This feature activates if you leave the headlight switch in the 305 or

**■**D position, remove the key, then open and close the driver's door. If you remove the key from the ignition switch with the headlight switch on, but do not open the door and get out, the lights turn off after 10 minutes.

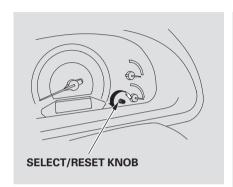
The lights turn on again when you unlock or open the driver's door. If you unlock the door, but do not open it within 15\* seconds, the lights go off. With the driver's door open, you will hear a lights-on reminder chime.

\*On the Touring models, this time is changeable. See page 121 for how to select and set the time.

struments and Control



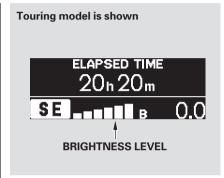
## **Instrument Panel Brightness**



The Select/Reset knob on the instrument panel controls the brightness of the instrument panel lights. Turn the knob to adjust the brightness.

Separate adjustments can be made when the headlights are on and off.

You will hear a beep when maximum or minimum brightness is reached. You will also hear a beep when the maximum level is canceled by turning the knob a click to the left.



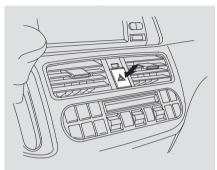
The level of brightness is shown on the multi-information display (Touring models) or on the information display (LX, EX and EX-L models) while you adjust it. It goes out 5 seconds after you finish adjusting. To reduce glare at night, the instrument panel illumination dims when you turn the light switch to ₹00€ or

**ID** . Turning the Select/Reset knob fully to the right until you hear a beep will cancel the reduced brightness.



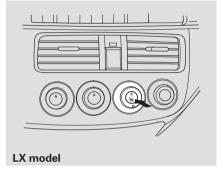
## Hazard Warning Button, Rear Window Defogger

#### **Hazard Warning Button**

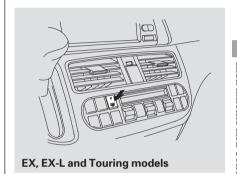


Push the button between the center vents to turn on the hazard warning lights (four-way flashers). This causes all outside turn signals and both indicators in the instrument panel to flash. Use the hazard warning lights if you need to park in a dangerous area near heavy traffic, or if your vehicle is disabled.

#### Rear Window Defogger



The rear window defogger will clear fog, frost, and thin ice from the window. Push the defogger button to turn it on and off. The indicator in the button comes on to show the defogger is on. It shuts off when you turn off the ignition. You have to turn the defogger on again when you restart the vehicle.



Make sure the rear window is clear and you have good visibility before starting to drive.

The defogger wires on the inside of the rear window can be accidentally damaged. When cleaning the glass, always wipe side-to-side.



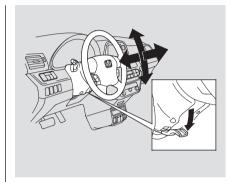
## **Steering Wheel Adjustment**

Make any steering wheel adjustment before you start driving.

## **AWARNING**

Adjusting the steering wheel position while driving may cause you to lose control of the vehicle and be seriously injured in a crash.

Adjust the steering wheel only when the vehicle is stopped.

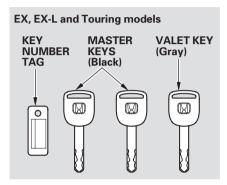


- 1. Push the lever under the steering column all the way down.
- 2. Move the steering wheel so it points toward your chest, not toward your face. Make sure you can see the instrument panel gauges and indicators.

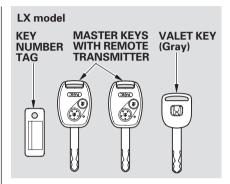
- 3. Push the lever up to lock the steering wheel in position.
- 4. Make sure you have securely locked the steering wheel in place by trying to move it up, down, in, and out.



## **Keys and Locks**



The master key fits all the locks on your vehicle. The valet key works only in the ignition and the door locks. You can keep the glove box locked when you leave your vehicle and the valet key at a parking facility.



You should have received a key number tag with your keys. You will need this key number if you ever have to get a lost key replaced. Use only Honda-approved key blanks. These keys contain electronic circuits that are activated by the immobilizer system. They will not work to start the engine if the circuits are damaged.

- Protect the keys from direct sunlight, high temperature, and high humidity.
- Do not drop the keys or set heavy objects on them.
- Keep the keys away from liquids. If they get wet, dry them immediately with a soft cloth.

The keys without a remote transmitter do not contain batteries. Do not try to take them apart.





## **Immobilizer System**

The immobilizer system protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine will not start.

When you turn the ignition switch to the ON (II) position, the immobilizer system indicator should come on for a few seconds, then go off. If the indicator starts to blink, it means the system does not recognize the coding of the key. Turn the ignition switch to the LOCK (0) position, remove the key, reinsert it, and turn the ignition switch to the ON (II) position again.

This indicator also blinks several times when you turn the ignition switch from the ON (II) position to the ACCESSORY (I) or LOCK (0) position.

The system may not recognize your key's coding if another immobilizer key or other metal object (i.e. key fob) is near the ignition switch when you insert the key.

If the system repeatedly does not recognize the coding of your key, contact your dealer.

Do not attempt to alter this system or add other devices to it. Electrical problems could result that may make your vehicle undrivable.

If you have lost your key and you cannot start the engine, contact your dealer.

As required by the FCC: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

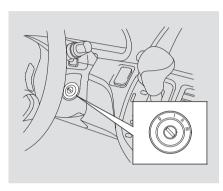
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.







The ignition switch has four positions: LOCK (0), ACCESSORY (I), ON (II), and START (III).

LOCK (0) — You can insert or remove the key only in this position. To turn the key to the LOCK (0) position, the shift lever must be in Park, and you must push the key in slightly.

If the front wheels are turned, the anti-theft lock may make it difficult to turn the key. Firmly turn the steering wheel to the left or right as you turn the key.

**ACCESSORY (I)** — You can operate the audio system and the accessory power sockets in this position.

ON (II) — This is the normal key position when driving. Several of the indicators on the instrument panel come on as a test when you turn the ignition switch from the ACCESSORY (I) to the ON (II) position.

**START (III)** — Use this position only to start the engine. The switch returns to the ON (II) position when you let go of the key.

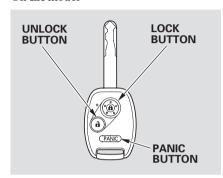
You will hear a reminder beeper if you leave the key in the ignition switch in the LOCK (0) or the ACCESSORY (I) position and open the driver's door. Remove the key to turn off the beeper.

On Touring models You will also see a "REMOVE KEY" message on the multi-information display (see page 89).

The shift lever must be in Park before you can remove the key from the ignition switch.



On LX model



LOCK — Press this button once to lock all doors and the tailgate. Some exterior lights will flash once. When you push LOCK twice within 5 seconds, you will hear a beep to verify that the security system has set. You cannot lock the doors and the tailgate if any door or the tailgate is not fully closed or the key is in the ignition switch.

UNLOCK — Press this button once to unlock the driver's door. Press it twice to unlock the other doors and the tailgate. Some exterior lights will flash twice each time you press the button. If you do not open any door or the tailgate within 30 seconds, they will automatically relock.

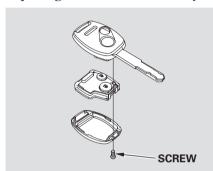
When you press the UNLOCK button, the front and rear individual map lights, depending on their switch positions, will come on (see page 208). If you do not open any door, the lights stay on for about 30 seconds, then go out. If you relock the doors and the tailgate with the remote transmitter before 30 seconds have elapsed, the lights will go off immediately.

PANIC — Press and hold this button for about 1 second to attract attention; the horn will sound and the exterior lights will flash for about 30 seconds. To cancel panic mode, press any other button on the remote transmitter, or turn the ignition switch to the ON (II) position. Panic mode does not work when the key is in the ignition switch.

# Remote Transmitter Care Refer to page 152 for how to take care of your remote transmitter.



#### Replacing the Transmitter Battery

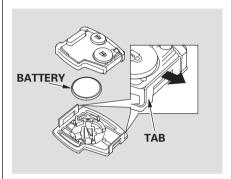


If it takes several pushes on the button to lock or unlock the doors and the tailgate, replace the battery as soon as possible.

Battery type: CR1616

To replace the battery:

1. Remove the screw at the base of the transmitter with a small Phillips-head screwdriver.



- 2. Separate the transmitter by prying its middle seam with your fingernail.
- 3. Inside the transmitter, separate the inner cover from the keypad by releasing the two tabs on the cover.

4. Remove the old battery from the back of the inner cover, and note the polarity. Make sure the polarity of the new battery is the same (+ side facing down), then insert it into the back of the cover.

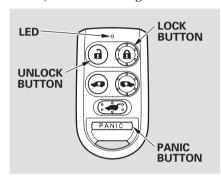
An improperly disposed of battery can hurt the environment. Always confirm local regulations for battery disposal.

Instruments and Controls

**CONTINUED** 



On EX. EX-L and Touring models



LOCK — Press this button once to lock all doors and the tailgate. Some exterior lights will flash once. When you push LOCK twice within 5 seconds, you will hear a beep to verify that the security system has set. You cannot lock the doors and the tailgate if any door or the tailgate is not fully closed or the key is in the ignition switch.

**UNLOCK** — Press this button once to unlock the driver's door. Press it twice to unlock the other doors and the tailgate. Some exterior lights will flash twice each time you press the button.

If you do not open any doors or the tailgate within 30 seconds, they will automatically relock and the security system sets.

On Touring models, you can change this setting (see page 132).

If you press the LOCK button and the PASSENGER'S SIDE SLIDING DOOR button at the same time for about 1 second, the LED in the remote transmitter will blink twice, and all doors and the tailgate will unlock simultaneously when you press the UNLOCK button. To cancel this feature, press the LOCK button and the PASSENGER'S SIDE SLIDING DOOR button at the same

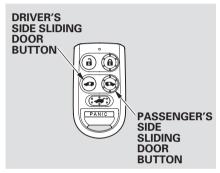
time. The LED will blink once.

When you press the UNLOCK button, the front and rear individual map lights, depending on their switch positions, will come on (see page 208). If you do not open any door, the lights stay on for about 30 seconds, then go out. If you relock the doors and the tailgate with the remote transmitter before 30 seconds have elapsed, the lights will go off immediately.

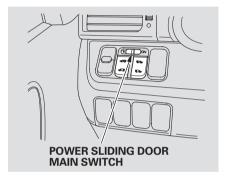
PANIC — Press and hold this button for about 1 second to attract attention; the horn will sound and the exterior lights will flash for about 30 seconds. To cancel panic mode, press any other button on the remote transmitter, or turn the ignition switch to the ON (II) position. Panic mode does not work when the key is in the ignition switch.



# Opening or Closing the Power Sliding Doors



You can open or close each sliding door with the remote transmitter when the doors are unlocked. Push and hold the right button to open or close the passenger's side door, and the left button to open or close the driver's side door.



If the power sliding door MAIN switch on the dashboard is in the OFF position, you cannot open or close the sliding doors with the remote transmitter.

# Opening or Closing the Power Tailgate



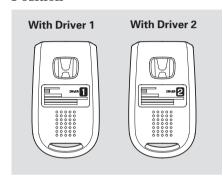
On Touring models only
You can open or close the power
tailgate with the remote transmitter
when the doors are unlocked. Press
and hold the TAILGATE button to
open or close the power tailgate.
When the tailgate begins to move,
you will hear a beep, and some front
and rear lights will flash.

Instruments and Controls





## Recalling a Memorized Seat Position



On Touring models only
Each remote transmitter activates
the driver's seat position memory
system (see page 185) and
customized vehicle control settings
(see page 101). When you open the
driver's door after unlocking it with
the remote transmitter, the driver's
seat moves to the positions stored in
memory. You will hear two beeps
when the movement is completed.

The driving position memory activation (Driver 1, Driver 2) is shown on the back of each transmitter. Make sure you store your seat position in the memory that is activated by the transmitter you normally carry.

You can turn off this system activation with the remote transmitter. Press and hold the LOCK and UNLOCK buttons at the same time. The LED in the remote transmitter will blink twice. Then release the buttons, and press the LOCK or UNLOCK button.

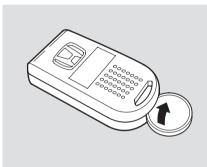
To turn it back on, repeat this procedure. The LED will come on for 1 second to indicate the feature has been turned on.

#### **Remote Transmitter Care**

- Avoid dropping or throwing the transmitter.
- Protect the transmitter from extreme temperature.
- Do not immerse the transmitter in any liquid.
- If you lose a transmitter, the replacement needs to be reprogrammed by your dealer.

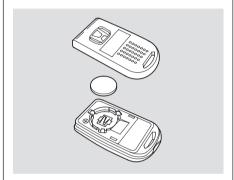


# Replacing the Transmitter Battery



If it takes several pushes on the button to lock or unlock the doors and the tailgate, replace the battery as soon as possible.

Battery type: CR2025



To replace the battery, separate the halfs by carefully prying on the edge with a coin. Remove the old battery, and insert a new battery with the + side facing up. Snap the two halves of the transmitter case back together.

An improperly disposed of battery can hurt the environment. Always confirm local regulations for battery disposal. As required by the FCC: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

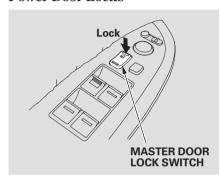
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.



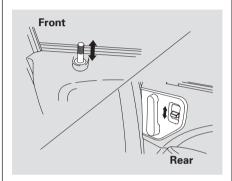
## **Door Locks**

#### **Power Door Locks**



To lock the doors and the tailgate, press the front of the master door lock switch on either front door, press the lock tab on the driver's door, or use the outside lock on the driver's door.

Pressing the rear of the master door lock switch will unlock all doors and the tailgate.



The lock tab on any door locks and unlocks that door.

All doors and the tailgate can be locked from the outside by using the key in the driver's door lock. To unlock only the driver's door, insert the key, turn the key, and release it. The remaining doors and the tailgate unlock when you turn the key a second time within a few seconds.

#### Lockout Prevention

With the driver's door open and the key in the ignition, both master door lock switches are disabled. They are not disabled if the driver's door is closed. Pushing the front of the master door lock switch on the open passenger's door will lock all doors and the tailgate.



#### Auto Door Locking/Unlocking

On LX, EX and EX-L models Your vehicle has customizable settings for the doors and the tailgate to automatically lock and unlock. Make all settings before you start driving.

With the auto door locking and unlocking, the tailgate also locks and unlocks.

On Touring models
To change the "AUTO DOOR
LOCK" setting, see page 126.

To change the "AUTO DOOR UNLOCK" setting, see page 128.

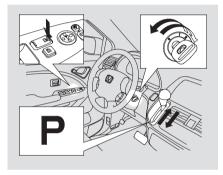
#### **Auto Door Locking**

On LX, EX and EX-L models
The auto door locking feature has three possible settings:

- The doors and the tailgate lock when the vehicle speed reaches 9 mph (15 km/h). This is the default setting.
- The auto door locking is deactivated all the time.
- The doors and the tailgate lock whenever you move the shift lever out of the Park position.

#### To activate an auto door lock mode:

Locks all doors and the tailgate when the vehicle's speed reaches about 9 mph (15 km/h).



Instruments and Controls

- 1. Make sure the shift lever is in Park (P), and close the driver's door.
- 2. Turn the ignition switch to the ON (II) position.
- 3. Set the parking brake.

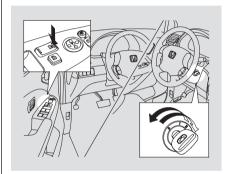
**CONTINUED** 



## **Door Locks**

- 4. Push and hold the brake pedal, then move the shift lever out of Park (P).
- 5. Push and hold the front of the master door lock switch on the driver's door. You will hear a clicking sound, and after about 5 seconds, you will hear another clicking sound.
- 6. Release the switch, move the shift lever to Park (P), and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.

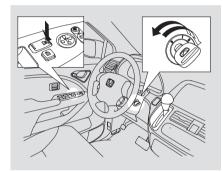
# To turn the auto door lock modes off:



- 1. Make sure the shift lever is in Park (P), and open the driver's door.
- 2. Turn the ignition switch to the ON (II) position.
- 3. Set the parking brake.

- 4. Push and hold the front of the master door lock switch on the driver's door. You will hear a clicking sound after about 5 seconds.
- 5. Release the switch, and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.





- 1. Make sure the shift lever is in Park (P), and close the driver's door.
- 2. Turn the ignition switch to the ON (II) position.

- 3. Push and hold the front of the master door lock switch on the driver's door. You will hear a clicking sound, and after about 5 seconds, you will hear another clicking sound.
- 4. Release the switch, and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.

#### **Auto Door Unlocking**

On LX, EX and EX-L models
The auto door unlocking feature has five possible settings:

- The driver's door unlocks whenever you turn the ignition switch to the ACCESSORY (I) position.
- All doors and the tailgate unlock whenever you turn the ignition switch to the ACCESSORY (I) position.
- The auto door unlocking is deactivated all the time.
- The driver's door unlocks when you move the shift lever to the Park position.
  This is the default setting.
- All doors and the tailgate unlock when you move the shift lever to the Park position.

CONTINUED

Instruments and Controls

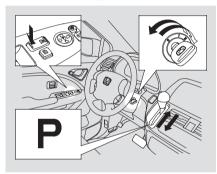




## **Door Locks**

# To activate an auto door unlock mode:

Unlocks driver's door or all doors and the tailgate when the ignition switch is out of the ON (II) position.

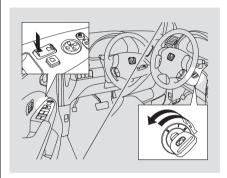


- 1. Make sure the shift lever is in Park (P), and close the driver's door.
- 2. Turn the ignition switch to the ON (II) position.
- 3. Set the parking brake.

4. Push and hold the brake pedal, then move the shift lever out of Park (P).

- 5. Push and hold the rear of the master door lock switch on the driver's door. You will hear a clicking sound. Continue to hold down the switch:
  - Until you hear one click (after about 5 seconds) to activate the driver's door unlock feature.
  - Or, until you hear a second click (after about 10 seconds) to activate the all doors and tailgate unlock feature.
- 6. Release the switch, move the shift lever to Park (P), and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.

# To turn the auto door unlock modes off:



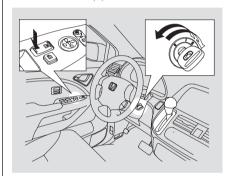
- 1. Make sure the shift lever is in Park (P), and open the driver's door.
- 2. Turn the ignition switch to the ON (II) position.
- 3. Set the parking brake.



- 4. Push and hold the rear of the master door lock switch on the driver's door. You will hear a clicking sound, and after about 5 seconds, you will hear another clicking sound.
- 5. Release the switch, and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.

# To activate an auto door unlock mode:

Unlocks driver's door or all doors and the tailgate when the shift lever is moved to Park (P).



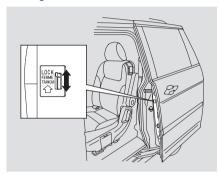
- 1. Make sure the shift lever is in Park (P), and close the driver's door.
- 2. Turn the ignition switch to the ON (II) position.

- 3. Push and hold the rear of the master door lock switch on the driver's door. You will hear a clicking sound. Continue to hold down the switch:
  - Until you hear one click (after about 5 seconds) to activate the driver's door unlock feature.
  - Or, until you hear a second click (after about 10 seconds) to activate the all doors and tailgate unlock feature.
- 4. Release the switch, and turn the ignition switch to the ACCESSORY (I) position within 5 seconds.



## Door Locks, Tailgate

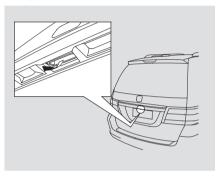
#### **Childproof Door Locks**



The childproof door locks are designed to prevent children seated in the rear from accidentally opening the rear sliding doors. Each door has a lock lever near the edge. With the lever in the LOCK position, the door cannot be opened from the inside regardless of the position of the lock tab. To open the door, pull the lock tab up and use the outside door handle.

On EX, EX-L and Touring models With the childproof door locks on, automatic operation with the inside door handle is disabled.

#### **Tailgate**

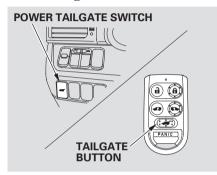


To open the tailgate, pull the handle, then lift up. To close the tailgate, use the inner handle to pull it down, then press down on the back edge.

Keep the tailgate closed at all times while driving to avoid damaging the tailgate and to prevent exhaust gas from getting into the interior. See **Carbon Monoxide Hazard** on page 60.



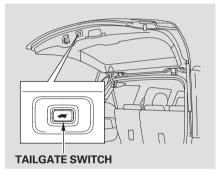
#### **Power Tailgate**



On Touring models only
The tailgate can be opened and
closed with the remote transmitter
or the switch on the dashboard when
both front doors are unlocked.

Press and hold the tailgate button on the remote transmitter or the dashboard switch for about 1 second to open or close the tailgate. Each time you press the button on the remote transmitter or the dashboard switch, you will hear a beep, and some front and rear lights will flash.

If you push the same button or switch again while the tailgate is opening or closing, you will hear three beeps, and the tailgate will stop moving, reverse direction, and stop at the fully opened or closed position.



The tailgate can also be closed by pressing the button on the tailgate. If you press the button again while the tailgate is closing, you will hear three beeps, and the tailgate will stop moving, reverse direction, and stop at the fully opened position.

To open or close the tailgate manually, see page 163.

CONTINUED

## **Tailgate**

#### Auto-Reverse

The power tailgate has an autoreverse feature. If it meets resistance while opening or closing, it will beep three times and reverse direction. However, the tailgate may not reverse immediately. Always make sure passengers and objects are clear of the tailgate before opening or closing it.

#### **AWARNING**

Closing a power tailgate while anyone is in the path of the tailgate can cause serious injury.

Make sure everyone is clear before closing the power tailgate. Also check that passengers, especially children, do not have their hands on the edge of the tailgate or on the tailgate sill. The auto reverse feature stops working when the tailgate is about to latch so the motor can pull the tailgate shut.

If your vehicle's battery is disconnected, goes dead, or the fuse is removed while the tailgate is fully open, the power tailgate needs to be reset. After connecting the battery or installing the fuse, close the tailgate fully by hand.

The power tailgate may not open or close under the these conditions:

- The vehicle is parked on a steep hill.
- When the vehicle is swayed in a strong wind.

• When the tailgate or the roof is covered with snow or ice.

Do not install any accessories on the tailgate. It may cause the tailgate not to function properly. If there is snow or ice on the tailgate, make sure to remove it before you operate the tailgate.

If you pull the tailgate release handle while the tailgate is opening or closing, it will stop moving. You need to open or close it the rest of the way manually.

The tailgate has sensors on both sides. Be careful not to damage them. If the sensors are damaged, the power tailgate does not function properly.

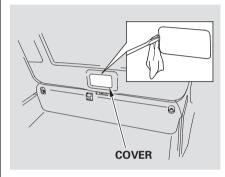
If you try to drive off with the tailgate not closed completely, a beeper sounds and a "DOOR & TAILGATE OPEN" message is shown on the multi-information display.

Keep the tailgate closed at all times while driving to avoid damaging the tailgate and to prevent exhaust gas from getting into the interior. See **Carbon Monoxide Hazard** on page 60.

If there is a problem in the power tailgate system, you will see a "CHECK POWER TAILGATE" message on the multi-information display. Have the system checked by your dealer.

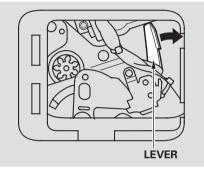
With this message shown on the multi-information display, you can still open or close the tailgate manually.

#### **Unlocking the Tailgate**



If the power door lock system cannot unlock the tailgate, unlock it manually.

Use a small flat-tipped screwdriver to remove the cover on the back of the tailgate.



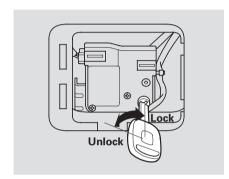
On Touring models
Push the release lever to the right as shown.

If you need to unlock the tailgate manually, it means there is a problem with the tailgate. Have the vehicle checked by your dealer.

CONTINUED



## Tailgate, Sliding Doors



On LX, EX and EX-L models Use the key to unlock the tailgate as shown, then pull the outer handle to open the tailgate.

If you need to unlock the tailgate manually, it means there is a problem with the tailgate. Have the vehicle checked by your dealer.

# Opening and Closing Manual Sliding Doors

On LX model

To open, pull the inside or outside door handle, and slide the door back. It will latch in the fully open position. When opening from the inside, the childproof door lock must be unlocked.

To close, pull either handle, and slide the door closed. Make sure the door is closed and latched securely before driving, and all passengers are clear of the sliding doors before closing them.

When opening a sliding door, it stops about halfway if the window is open more than 3 in (8 cm). If the vehicle is facing downhill, the sliding door will slam shut when you release the door handle. Always close the window fully before opening the sliding door.

#### **Power Sliding Doors**

On EX, EX-L and Touring models
The doors are electrically powered
and can be operated with the remote
transmitter, the door handles, or the
dashboard switches. To operate the
doors:

- The shift lever must be in Park or neutral. To operate the doors with the shift lever in neutral, the ignition switch must be in the ON (II) position with the brake pedal pressed or the parking brake applied.
- The MAIN switch must be in the ON position.
- The doors must be unlocked.



When the shift lever is in Park: If you shift out of Park while a door is closing, you will hear a beep until the door closes.

When you shift out of Park while a door is opening, you will hear a continuous tone and the door will stop moving if you release the brake pedal or the parking brake. Stop the vehicle and close the door.

When the shift lever is in neutral and the ignition switch is in the ON (II) position:

If you shift out of neutral or release the brake pedal or the parking brake while a door is closing, you will hear a beep until the door closes.

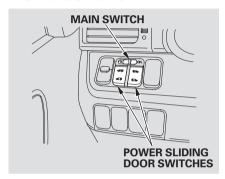
If you shift out of neutral or release the brake pedal or the parking brake while a door is opening, you will hear a continuous tone and the door will stop moving. Stop the vehicle and close the door.

#### Door Handles

To open the door with the inside door handle, pull the handle backward. Push it forward to close the door. If you pull backward or push forward on the door handle while a door is opening or closing, the door stops moving. Pull backward or push forward to open or close the door fully.

To open or close the door with the outside door handle, pull the door handle. If you pull the door handle while a door is opening or closing, the door stops moving. If you pull the door handle again, the door will open fully.

#### Dashboard Switches



The dashboard switches to the left of the steering column allow you to open or close the power sliding doors.

The MAIN switch on the dashboard controls power to the sliding doors.

CONTINUED



## **Sliding Doors**

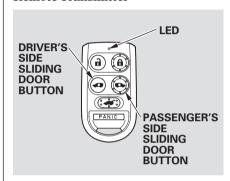
To open a power sliding door, push and release the bottom of the appropriate switch. If you forget to unlock the door, you will hear three beeps. Unlock the door, and try again.

To close a sliding door, push and release the top of the switch.

To stop a door, push either the top or bottom of the switch. The door will stop and you will hear three beeps. Push the switch again to resume movement.

When the MAIN switch is in the OFF position, you have to operate the doors manually.

#### Remote Transmitter



To open and close a power sliding door, press and hold the appropriate button for at least 1 second. If you forget to unlock the door, you will hear three beeps. Unlock the door, and try again.

To stop movement, push the appropriate door button; you will hear three beeps. Push and hold the same button again for at least 1 second and the door will reverse direction.

#### Auto-Reverse

Each power sliding door has an autoreverse feature. If a door meets resistance while closing, it will beep three times and reverse direction. However, the door may not reverse immediately and may cause some bruising or discomfort. Always make sure passengers and objects are clear of the doors before closing them.

If a rear window is open more than 3 in (8 cm), the power sliding door is designed to stop about halfway to avoid accidents. If this happens, close the door with the door handles, the dashboard switch, or the remote transmitter. Close the window and open the sliding door. Make sure the window is fully closed before you operate the power sliding door.

# Manually Opening/Closing the Power Sliding Door

You can manually open or close the sliding doors. The MAIN switch must be in the OFF position. To open a door, pull the inside or outside door handle, and slide the door back. It will latch in the fully open position. To close, pull either handle and slide the door forward. When the door is almost closed, the auto-closer will pull the door shut.

# Important Sliding Door Precautions

On EX, EX-L and Touring models
Before operating the sliding doors, check that passengers, especially children, do not have their hands on the edge of the sliding door or on the door pillar. The auto-reverse motor stops working when the door is about to latch so the auto-closer can pull the door shut.

If there is an obstacle in the door sill, the power sliding door may not open or close properly. When removing the obstacle from the door sill, make sure to turn off the main switch on the dashboard.

When replacing a flat tire, make sure to turn off the power sliding door main switch on the dashboard.

#### On all models

Do not allow anyone to step on the lower arm of the sliding door while the door is open. This could damage the sliding door mechanism.

When you drive with children in your vehicle, use the childproof door locks (see page 160). This will prevent children from opening the doors accidentally.

Do not put any item in the door pocket that sticks out from the pocket. It can prevent the doors from opening or closing properly, and damage the vehicle body.

#### **AWARNING**

Closing a sliding door while any part of a passenger is in the door's path can cause serious injury.

Make sure all passengers are clear of the doorway before closing a sliding door.

Instruments and Controls

## **Sliding Doors**

#### Refueling

When you release the fuel fill door, the driver's side sliding door automatically locks so it cannot open and interfere with the fuel door. If a passenger attempts to unlock the door by cycling the lock knob several times, the door can be opened.

If a passenger needs to get out while you are refueling, instruct that person to exit on the passenger's side.

When you close the fuel fill door, the driver's side sliding door unlocks if it was unlocked when you opened the fuel fill door.

On EX, EX-L and Touring models
If you open the fuel fill door while
the driver's side sliding door is
opening, the sliding door stops. If
this happens, the door must be
operated manually.

#### Parking on a Hill

When parking facing downhill, make sure the doors are latched in the fully open position, and then hold the door open for your passengers. Do not pull the inside or outside door handle, or the door will slam shut.

On EX, EX-L and Touring models Make sure the main switch on the dashboard is in the ON position.

When parking facing downhill on a steep grade, the power sliding doors may not open or close as they do normally.

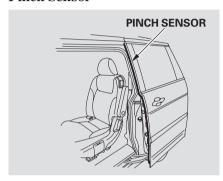
If you leave the vehicle on a steep downhill with a power sliding door half open and the engine off, the magnetic lock will turn off after 30 minutes and the sliding door will automatically open or close. In this case you will hear a continuous tone.

If your vehicle is facing downhill, do not turn the main switch to OFF while the door is opening because the door may slam shut.



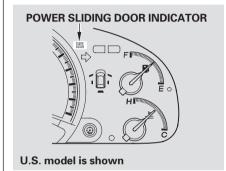
## **Sliding Doors**

#### **Pinch Sensor**



On EX, EX-L and Touring models Each sliding door has a pinch sensor on the front edge. Do not damage this sensor, or the power sliding door may not operate properly.

#### **Power Sliding Door Indicator**



On EX and EX-L models
If the power sliding door indicator comes on and stays on, there is a problem in the system. Turn the MAIN switch to OFF, and have the system inspected by a dealer.

On Touring models

If there is a problem in the power sliding door system, you will see a "CHECK LEFT SLIDING DOOR" or "CHECK RIGHT SLIDING DOOR" message on the multi-information display (see page 89 ). If this message stays on, turn the MAIN switch to OFF, and have the system inspected by your dealer.

If the battery is disconnected or goes dead, close the sliding door completely by hand. If it still does not operate properly after the battery is reconnected, have your vehicle checked by a dealer.



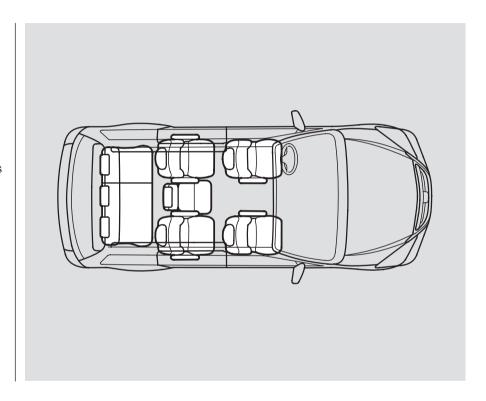
## **Seats**

#### Passenger Seating Convertible Second Row Bucket Seats

There are bucket seats with armrests for two front passengers, bucket seats with armrests for two passengers in the second row, and a bench seat for three passengers in the third row.

For greater cargo capacity, the seats in the second row can be removed, and the bench seat in the third row can be folded into the floor.

The EX and EX-L models have a stowable second row plus-one seat that can be installed between the second row bucket seats when needed. The plus-one seat can also be used as a second row center console, or stored in the floor storage area. For more information, see page 179.





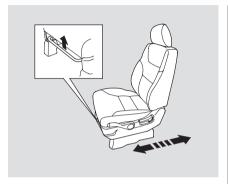
#### **Seat Adjustments**

See pages 12 — 13 for important safety information and warnings about how to properly position the seats and seatbacks.

The EX, EX-L and Touring models have a power adjustable driver's seat. The LX model has manual driver's seat adjustments.

The front passenger's seat, and the seats in the second and third rows adjust manually.

Make all seat adjustments before you start driving.



To adjust the seat forward and backward, pull up on the bar under the seat cushion's front edge. Move the seat to the desired position, and release the bar. Try to move the seat to make sure it is locked in position.

To adjust the bucket seats in the second row, pull up the bar on the front of the seat bottom.

The third row seats do not adjust forward and backward.



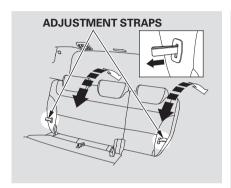
To change the seat-back angle of the front seat, pull up the lever on the outside of the seat bottom.

To change the seat-back angle of the bucket seats in the second row, pull forward on the lever on the outside of the seat-back.

CONTINUED



## **Seats**



The left and right halves of the third seat-back can be adjusted separately. To adjust the angle, pull the adjustment strap on the outside of each seat-back, move the seat-back to the desired position, and release the adjustment strap. Let the seat-back latch in the new position.

#### Driver's Seat Manual Height Adjustment



On LX model
The height of your driver's seat is adjustable. Pull up the lever on the outside of the seat cushion to raise the seat bottom or push the lever down to lower the seat cushion.

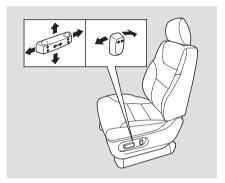
Make all adjustments before you start driving.

#### Power Seat Adjustments

On EX, EX-L and Touring models See pages 12-13 for important safety information and warnings about how to properly position the seats and seatbacks.

The controls for the adjustable driver's power seat are on the outside edge of the seat bottom. You can adjust the power seat with the ignition switch in any position. Make all seat adjustments before you start driving.







Moves the seat forward and backward.



Moves the front of the seat up or down.



Raises or lowers the seat.



Moves the whole seat up and forward, or down and backward. The front of the seat also tilts up or down at the same time.



Adjusts the seatback angle forward or backward.

### **Driver's Lumbar Support**



On EX, EX-L and Touring models
To change the lumbar support, move
the lever on the right side of the
seat-back forward or backward.
Keep moving the lever forward or
backward until you find a suitable
position.

#### **Seats**

#### Armrests



An armrest is located on each of the front seats and on each side of the second row seats. Pivot it down to use it. When you remove the bucket seats in the second row, pivot the armrests up out of the way.

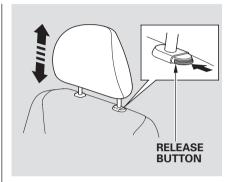
On EX-L and Touring models
The angle of the armrest on each
front seat is adjustable. Pivot the
armrest down, and pull it up to the
desired angle.

#### **Head Restraints**

See page 14 for important safety information and a warning about how to properly position the head restraints.

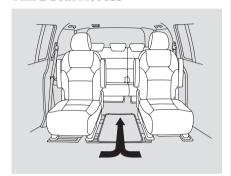
Your vehicle is equipped with head restraints in all seating positions to help protect you and your passengers from whiplash and other injuries.

They are most effective when you adjust them so the back of the occupant's head rests against the center of the restraint.

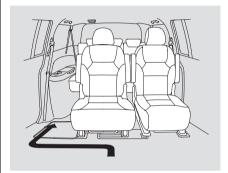


All head restraints adjust for height. You need both hands to adjust the restraint. Do not attempt to adjust it while driving. To raise it, pull upward. To lower the restraint, push the release button sideways, and push the restraint down.

#### **Third Seat Access**



To get into or out of the third row seat, walk between the second row seats.



When the seat on the passenger's side is moved to the center, walk through the passenger's side to get into or out of the third row seat.

You need to remove the stowable plus-one seat (see page 179) or the second row console (see page 200) before you can make this seat arrangement.



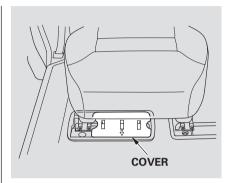
To get into or out of the third row seat, pull up the release lever on the shoulder of each second row bucket seat. The seat-back will tilt forward and the whole seat will slide forward.



#### **Seats**

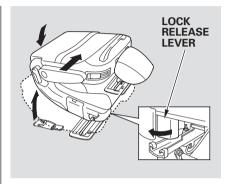
# Moving the Second Row Bucket Seat

The second row bucket seat on the passenger's side can be moved to the center to provide access to the third row seat.



1. Remove the cover from under the passenger's side bucket seat.

If you have already set the floor mat under the passenger's side bucket seat, make sure you remove it before moving the bucket seat.



- 2. Unlock the seat from the floor by pulling the lock release lever under the seat cushion's front edge and lifting the rear of the seat.
- 3. Slide the seat toward the center of the vehicle.
  Push the back of the seat down over the floor hooks. Make sure the seat is securely locked in place.

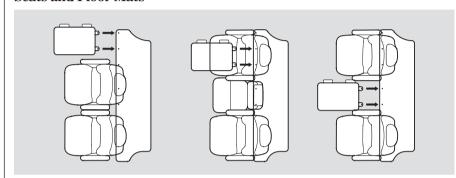




To move the bucket seat back to the outside, follow step 1 through 3 as previously described.

Make sure the seats are securely locked in place before driving. A seat that is not locked in place could fly around and cause injury in a sudden stop or crash.

#### **Seats and Floor Mats**

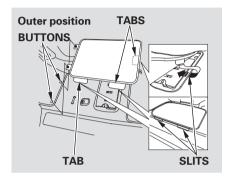


When the plus-one seat or second row console is in the center position, store the floor mat under the passenger's side bucket seat as shown above. When the passenger's side bucket seat is in the outside position, and the plus-one seat or the second row console is not used, install the floor mat and the cover over the floor anchors.

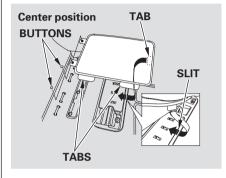
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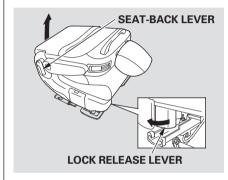
#### **Seats**



To install the floor mat in an outer position or the center position, insert the tabs into the slits on the floor, then snap the two buttons in place. Refer to the illustrations above.



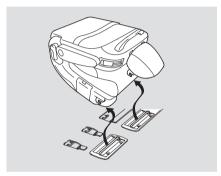
# Removing the Bucket Seats in the Second Row



Both seats can be removed to give more cargo capacity. Do not remove the seats while driving.

To remove a second row seat:
1. Pull up the seat-back angle
adjustment lever, and fold the
seat-back forward.





- 2. Unlock the seat from the floor by pulling the lock release lever under the seat cushion's front edge and lifting the rear of the seat.
- 3. Unhook the front of the seat from the floor by pulling it back slightly, then pivoting it upward.

To reinstall the seat, hook the front of the seat to the floor, then push the rear of the seat-back until it locks in place. Make sure the seat is securely latched before driving.

#### Removing the Stowable Second Row Plus-One Seat

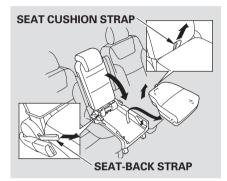
On EX and EX-L models Your vehicle has a stowable plus-one seat for the second row center position.

You can remove the plus-one seat when it is not use. Do not remove the seat while driving.

**CONTINUED** 

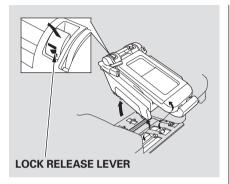


#### **Seats**

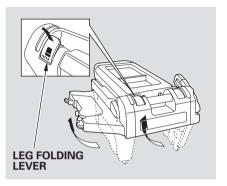


To remove the plus-one seat:
1. Lower the head restraints fully.

- 2. Remove the seat cushion by pulling the seat cushion strap.
- 3. Fold the seat-back forward by pulling the seat-back strap.

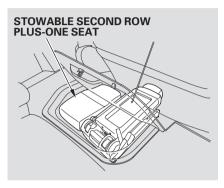


- 4. Unlock the seat from the floor by pulling the lock release lever and lifting the rear of the seat.
- 5. Unhook the front of the seat from the floor by pulling it back slightly, then pivoting it upward.

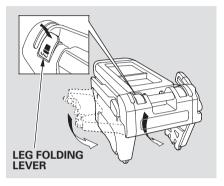


6. Fold the legs by pulling the leg folding lever.





The stowable plus-one seat assembly can be stored in the floor storage area between the front seats and the second row seats.



To install the stowable plus-one seat, extend the legs by pulling the leg folding lever.



Hook the front of the seat to the floor, then push down the back until it locks. Make sure both the front and back of the seat are securely latched. Pull up the seat-back, and adjust the seat-back angle to the desired position while pulling the seat-back strap on the outside of the seat bottom.

CONTINUED



#### **Seats**

Install the seat cushion on the seat bottom plate. To install the cushion, hook the front of the cushion first, then push down the rear until the cushion is securely positioned.

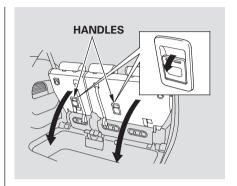
To use the plus-one seat as a center console, remove its seat cushion by pulling up the seat cushion strap. Then pivot the seat-back forward until it is flat. Store the seat cushion in the floor storage area.

Make sure the seats are securely locked in place before driving. A seat that is not locked in place could fly around and cause injury in a sudden stop or crash.

# Folding the One-Motion Third Row "Magic Seat"

To create more cargo space, you can fold the one-motion third row "Magic Seat" into the floor recess.

- 1. Unlatch the center seat detachable seat belt anchor, and let the belt retract all the way into the ceiling. Place the latch plate and anchor latch into their holding slots. Make sure both seat belts on the outer seats are out of the way.
- 2. Lower the head restraints fully.



- 3. Pull the handle on each seat-back to unlock the front legs of the third seat.
- 4. Pivot the seat into the cargo area floor recess.

Make sure all items in the cargo area are secured. Loose items can fly forward and cause injury if you have to brake hard. See **Carrying Cargo** on page 314.

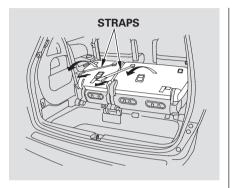






To return the seat to the upright position:

1. Pull the seat out of the recess by pulling on the handle. Pivot the seat forward all the way. The front legs of the third seat will automatically latch.



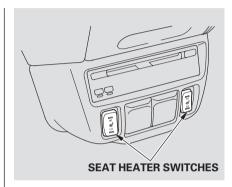
2. Pull the seat-back upright with the strap. Make sure the seat is securely locked into position before driving.





#### **Seat Heaters**

On EX-L and Touring models
Both front seats are equipped with
seat heaters. The passenger seat
only has heaters in the seat bottom
because of the side airbag system.
The ignition switch must be in the
ON (II) position to use them. The
seat heater switches are located on
the dashboard above the center
pocket. Push the top of the switch,
HI, to rapidly heat up the seat.
After the seat reaches a comfortable
temperature, select LO by pushing
the bottom of the switch. This will
keep the seat warm.



In HI, the heater turns off when the seat gets warm, and turns back on after the seat's temperature drops.

In LO, the heater does not cycle with temperature change.

Follow these precautions when using the seat heaters:

- Use the HI setting only to heat the seats quickly, because it draws large amounts of current from the battery.
- If the engine is left idling for an extended period, do not use the seat heaters, even on the LO setting. It can weaken the battery, causing hard starting.



#### **Driving Position Memory System**

On Touring model only Your vehicle has a memory feature for the driver's seat position.

Two seat positions can be stored in separate memories. You select a memorized position by pushing the appropriate button or appropriate remote transmitter (Driver 1 or Driver 2).

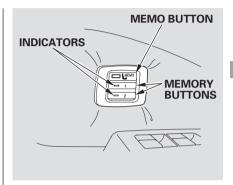
This setting can be linked or unlinked with the remote transmitter. For more information, see page 154.

You can change the "MEMORY POSITION LINK" setting in the multi-information display (see page 119).

## Storing a Driving Position in Memory

Store a driver's seat position only when the vehicle is parked.

- 1. Turn the ignition switch to the ON (II) position. You cannot add a new seat position in memory unless the ignition switch is in the ON (II) position. You can recall a memorized position with the ignition switch in any position.
- 2. Adjust the seat to a comfortable position (see page 173).



3. Press and release the MEMO button on the driver's door. You will hear a beep. Then, both indicators in the memory buttons will start to blink. Press and hold one of the memory buttons (1 or 2) within 5 seconds after you press the MEMO button. When the system completes storing a new driving position, you hear two beeps. The indicator in the stored memory button will come on.

CONTINUED



#### **Driving Position Memory System**

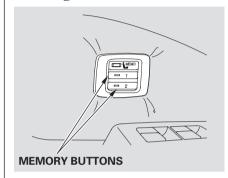
Doing any of the following after pressing the MEMO button will cancel the storing procedure.

- Not pressing a memory button within 5 seconds.
- Pressing the MEMO button again within 5 seconds
- Readjusting the seat position.

Each memory button stores only one seat position. Storing a new position erases the previous position stored in that button's memory. If you want to add a new position while retaining the current one, use the other memory button.

All stored driving positions will be lost if your vehicle's battery goes dead or is disconnected.

#### **Selecting a Memorized Position**



To select a memorized position, do this:

- 1. Make sure the shift lever is in Park. Press on the brake pedal.
- 2. Press the desired memory button (1 or 2) until you hear a beep.

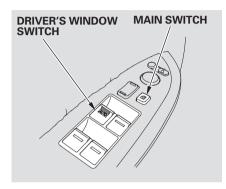
The system will move the driver's seat to the memorized position. The indicator in the selected memory button will flash during movement. When the adjustment is complete, you will hear two beeps, and the indicator will stay on.

To stop the system's automatic adjustment, do any of these actions:

- Press any button on the driver's door: MEMO, memory button 1 or 2.
- Push any of the adjustment switches for the seat.
- Shift out of Park.

If desired, you can use the adjustment switches to change the seat position after it is in its memorized position. If you change the memorized position, the indicator in the memory button will go out. To keep this seat position for later use, you must store it in the driver's seat position memory.





Turn the ignition switch to the ON (II) position to raise or lower any window. To open the window, push the switch down to the first detent and hold it. Release the switch when you want the window to stop. Pull back on the switch and hold it to close the window.

The windows will operate for up to 10 minutes after you turn off the ignition switch. Opening either front door cancels this function.

#### **AWARNING**

Closing a power window on someone's hands or fingers can cause serious injury.

Make sure your passengers are away from the windows before closing them.

**AUTO** — To open/close the driver's window, push the window switch firmly down or up to the second detent, and release it. The window will automatically go up or down all the way. To stop the window, pull/push on the window switch briefly.

If the MAIN switch is OFF, the passenger windows cannot be raised or lowered. Keep the MAIN switch off when you have children in the vehicle so they do not injure themselves by operating the windows unintentionally.

**AUTO REVERSE** — If the driver's window senses any obstacle while it is closing automatically, it will reverse direction, and then stop. To close the window, remove the obstacle, then use the window switch again.

Auto reverse stops sensing when the window is almost closed. You should always check that all passengers and objects are away from the window before closing it.

CONTINUED



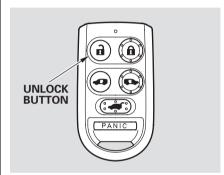
#### **Power Windows**

If your vehicle's battery is disconnected or goes dead, or the driver's window fuse is removed, the AUTO function may be disabled. If the AUTO function is disabled, the power window system will need to be reset after reconnecting the battery or installing the fuse.

- 1. Start the engine. Push down and hold the driver's window switch until the window is fully open.
- 2. Pull and hold the driver's window switch to close the window completely, then hold the switch for about 2 seconds.

If the power windows do not operate properly after resetting, have your vehicle checked by your dealer.

# Opening the Windows with the Remote Transmitter



On EX, EX-L and Touring models You can open all of the windows from the outside with the remote transmitter.

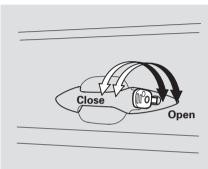
1. Press the UNLOCK button once to unlock the driver's door.

- 2. Press the UNLOCK button a second time, and hold it. The passenger's doors unlock, and all four windows start to open. To stop the windows, release the button.
- 3. To open the windows further, press the button again and hold it. If the windows stop before the desired position, repeat steps 1 and 2.

You cannot close the windows with the remote transmitter.



# Opening/Closing the Windows with the Key



On EX, EX-L and Touring models You can open and close the windows with the key in the driver's door lock.

#### To open:

- 1. Insert the key in the driver's door lock.
- 2. Turn the key clockwise, then release it.

- 3. Turn the key clockwise again, and hold it. All four windows start to open. To stop the windows, release the key.
- 4. To open the windows further, turn and hold the key again (within 10 seconds).

#### To close:

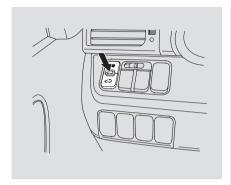
- 1. Insert the key in the driver's door lock.
- 2. Turn the key counterclockwise, then release it.
- 3. Turn the key counterclockwise again, and hold it. All four windows start to close. To stop the windows, release the key.
- 4. To close the windows further, turn and hold the key again (within 10 seconds).

If the windows stop before the desired position, repeat steps 2 and 3.

**Instruments and Controls** 



#### **Moonroof**



On EX-L and Touring models
The moonroof can be tilted up in the back for ventilation, or it can be slid back into the roof. Use the switch under the left dashboard vent to operate the moonroof. You must turn the ignition switch to the ON (II) position for the moonroof to operate.

To tilt up the back of the moonroof, press and hold the center button ( ). To close the moonroof, press and hold the top of the switch ( ). To open the moonroof, press and hold the bottom of the switch ( ).

#### **AWARNING**

Opening or closing the moonroof on someone's hands or fingers can cause serious injury.

Make sure all hands and fingers are clear of the moonroof before opening or closing it.

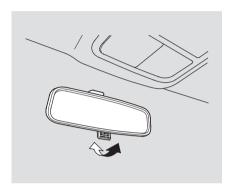
#### NOTICE

If you try to open the moonroof in below-freezing temperatures, or when it is covered with snow or ice, you can damage the moonroof panel or its motor.

The moonroof has a key-off delay. You can still open and close the moonroof for up to 10 minutes after you turn off the ignition. The key-off delay cancels as soon as you open either front door. You must then turn the ignition to the ON (II) position for the moonroof to operate.



#### **Mirrors**



Keep the inside and outside mirrors clean and adjusted for best visibility. Be sure to adjust the mirrors before you start driving.

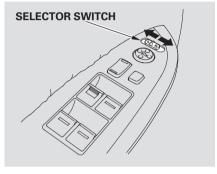
On LX, EX and EX-L models
The inside mirror has day and night positions. The night position reduces glare from headlights behind you. Flip the tab on the bottom edge of the mirror to select the day or night position.



On Touring models

The inside mirror can automatically darken to reduce glare. To turn on this feature, press the button on the bottom of the mirror. The AUTO indicator comes on as a reminder. When it is on, the mirror darkens when it senses the headlights of a vehicle behind you, then returns to normal visibility when the lights are gone. Press the button again to turn off this sensing.

#### **Adjusting the Power Mirrors**



1. Turn the ignition switch to the ON (II) position.

2. Move the selector switch to L (driver's side) or R (passenger's side).

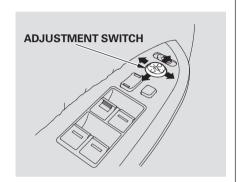
**CONTINUED** 

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Instruments and Controls

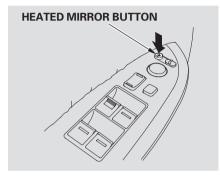
#### Mirrors, Parking Brake



3. Push the appropriate edge of the adjustment switch to move the mirror right, left, up, or down.

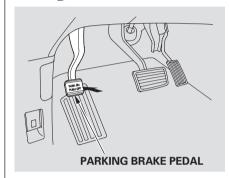
When you finish, move the selector switch to the center (off) position. This turns the adjustment switch off to keep your settings.

#### Heated Mirrors



On EX, EX-L and Touring models
The outside mirrors are heated to remove fog and frost. With the ignition switch in the ON (II) position, turn on the heaters by pressing the button. The indicator in the button comes on as a reminder. Press the button again to turn the heaters off.

#### **Parking Brake**



To apply the parking brake, push the pedal down with your foot. To release it, push on the pedal again. The parking brake indicator on the instrument panel should go out when the parking brake is fully released (see page 69).



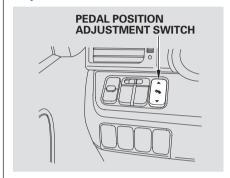
#### Parking Brake, Adjustable Driver's Foot Pedals

#### NOTICE

Driving the vehicle with the parking brake applied can damage the rear brakes and axles. A beeper will sound if the vehicle is driven with the parking brake on.

On Touring models
You will also see a "RELEASE
PARKING BRAKE" message on the
multi-information display (see page
89 ).

#### Adjustable Driver's Foot Pedals



On Touring models only
You can adjust the position of the
brake pedal and accelerator pedal
when the shift lever is in the Park
position. Push the top of the
adjustment switch to move the
pedals forward, and the bottom to
move them backward.

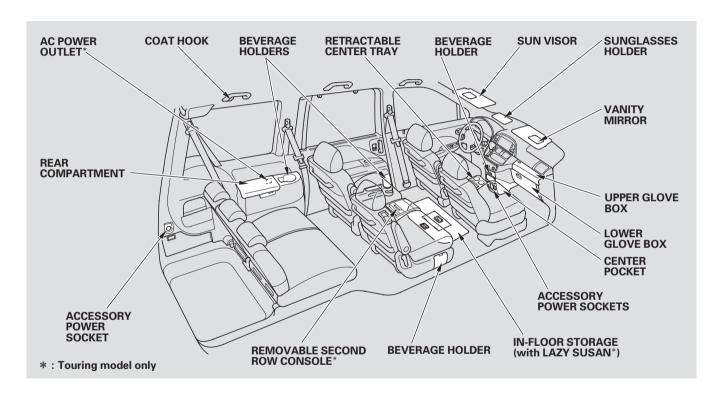
To adjust the pedals:

- 1. Push and hold the top of the adjustment switch until pedals are closest to you.
- 2. Adjust your seat and the steering wheel so you can operate the controls and steering wheel easily.
- 3. Push and hold the bottom of the adjustment switch until pedals are in the position you can press them fully and comfortably.

Do not adjust the pedals with your foot on or under either pedal.

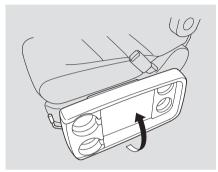
Make all adjustments before you start driving.



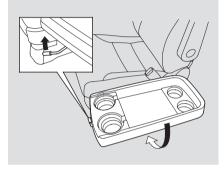




#### **Retractable Center Tray**



To use the retractable center tray, pull up the outside edge of the tray until it latches. To store it, pull the lever and lower the tray.



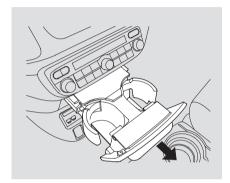
Sitting on or getting under the tray, or putting heavy objects on the tray, may damage or deform it.

Do not keep items on the tray while driving. They may fall down or fly around when you go around corners or brake hard.

Beverage Holders
Be careful when you are using the beverage holders. A spilled liquid that is very hot can scald you or your passengers. Spilled liquids can damage the upholstery, carpeting, and electrical components in the interior.

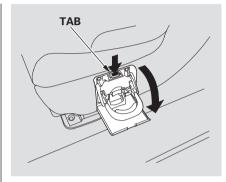
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To use the front beverage holder, pull the handle.

Additional beverage holders for the front seat passengers are in the retractable center tray.



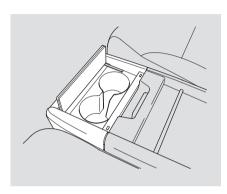
Each second row seat has a beverage holder on the outside of the seat cushion. To use the beverage holder, push on the tab. The beverage holder will swing open. To close, pivot it up and push it in until it latches.

To protect the beverage holder, the bottom tray is designed to break away if you try to place a heavy object on it. If this happens, hold the edge of the bottom tray and pull it up until you feel a detent.

Be careful not to damage an open beverage holder when you get into or out of the vehicle.

The beverage holders for the third seat passengers are in the armrests on the rear side panels.

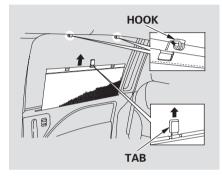




On Touring models The removable second row console has a beverage holder on the front.

To use the beverage holder, push on the front lid. The lid will swing open. To close, lower the lid, and push it down until it latches.

#### **Integrated Sunshades**



On EX, EX-L and Touring models Each rear sliding door has an integrated sunshade. To use a sunshade, hold the tab on the top and pull the sunshade all the way up. Insert the holes on the sunshade into the hooks on the window frame. To store the shade, unhook it, and let it retract all the way down.

The sunshades are intended for use only when the windows are fully closed. If a window is opened, the shade can be blown off its hooks. As the shade automatically retracts, it could hit and hurt anyone sitting too close to the window.



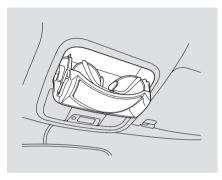




#### **Sunglasses Holder**



To open the sunglasses holder, push on the raised detent. It will unlatch and swing down. To close it, push it until it latches. Make sure the holder is closed while you are driving.



Some larger styles of sunglasses may not fit in the holder.

You may also store small items in this holder. Make sure they are small enough to let the holder close and latch, and that they are not heavy enough to cause the holder to pop open while driving.

#### **Conversation Mirror**

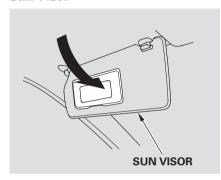


On EX, EX-L and Touring models
The sunglasses holder uses a convex mirror for its bottom panel. You can see all the vehicle passengers in this mirror. To use the mirror, open the sunglasses holder fully, push it to the first detent, and release it.

To switch back to the sunglasses holder, close the conversation mirror and then open the sunglasses holder.



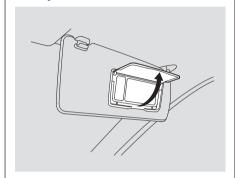
#### **Sun Visor**



To use the sun visor, pull it down. When using the sun visor for the side window, remove the support rod from the clip, and swing it out.

Make sure you put the sun visor back in place when you are getting into or out of the vehicle.

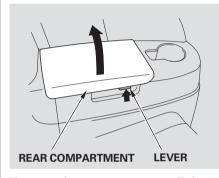
#### **Vanity Mirror**



Pull up the vanity mirror cover to use the mirror. The lights come on when you open the cover. Make sure you close the cover when you are not using the vanity mirror.

The vanity mirror light will not come on if the sun visor is slid outward.

#### **Rear Compartment**

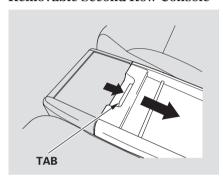


To open the compartment, pull the lever and lift the lid. To close, lower the lid and push it down until it latches.

Instruments and Controls

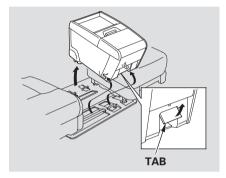


#### Removable Second Row Console



On Touring models only
There is a removable console
between the second row bucket
seats.

To open the console, push the tab, and slide the lid to the rear.



To remove the console, pull up the tab at the front edge to unlock the rear of the console from the floor.

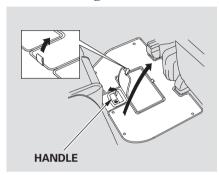
Unhook the front of the console from the floor by pulling it back slightly, then pivoting it upward.

To reinstall the console, hook the front of it to the floor, then push down the back until it locks. Make sure the console is securely locked in place. A console that is not locked in place could fly around and cause injury in a sudden stop or crash.

If you remove the second seat center console, store it in a safe place outside the vehicle.



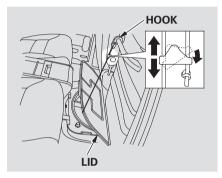
#### In-Floor Storage Area



There is a large storage area under the floor between the front seats and the second row bucket seats.

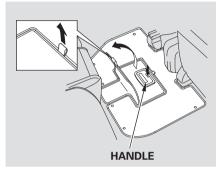
To place or remove large items from the storage area, pull off the carpet near the second seat, and pull the handle to open the large lid.

On EX, EX-L and Touring models This handle can be locked with the master key.



To keep the lid open, attach the hook to the grab rail on the back of the front seat-back.

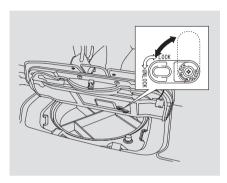
You can adjust the length of the hook strap. Pull down the upper edge of the stopper, and slide it up or down.



To place or remove small items from the storage area, pull off the carpet in the center of the lid, and pull the handle to open the small lid.

CONTINUED





To lock the small lid, open the large lid, and turn the lock knob clockwise.

You can store items in the floor storage area up to 22 lbs (10 kg). Do not exceed this weight limit, or you may damage the floor storage area.

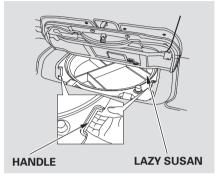
The inside of the storage area can get very hot. Do not store any items that should be kept cool, or items that can be easily damaged, warped, or deformed by heat.

Dust, sand, etc., can accumulate in the floor storage area. If you spill liquid on the floor around the floor storage area, it can get inside the storage area, and the moisture can be trapped inside. Always keep the inside of the storage area dry and clean. To prevent items from being thrown about the vehicle and possibly hurting someone in an accident or sudden stop, be sure the storage area lids are securely closed before driving away.



The Lazy Susan can be removed to give you more cargo space.

find items through the small lid.



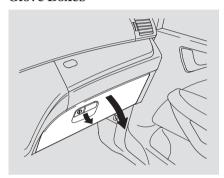
To remove the Lazy Susan, open the large lid. Attach the hook to the grab rail on the back of the front seat to keep the lid open. Hold the two handles on the edge of the Lazy Susan, and pull it out of the storage area. Store the removed Lazy Susan in a safe place outside the vehicle. Do not place it on the vehicle floor or seat, or in the cargo area. It can fly around the interior in a crash.

The Lazy Susan can be damaged if it is kept in a humid place. Always store the Lazy Susan in a dry place when it is removed.

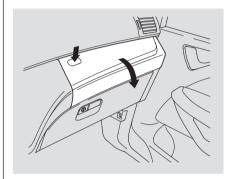
Instruments and Controls



#### **Glove Boxes**



Open the lower glove box by pulling the bottom of the handle. Close it with a firm push. Lock or unlock the glove box with the master key.



Open the upper glove box by pressing the button. The lid will swing open. Close it with a firm push.

Keep the glove boxes closed while driving. If either are open, a passenger could be injured during a crash or sudden stop.

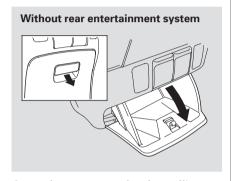
#### **AWARNING**

An open glove box can cause serious injury to your passenger in a crash, even if the passenger is wearing the seat belt.

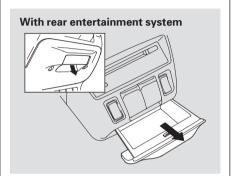
Always keep the glove boxes closed while driving.



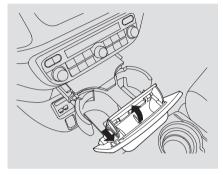
#### Center Pocket



Open the center pocket by pulling the handle. Close it with a firm push.



#### **Coin Pocket**

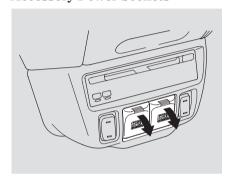


A coin holder is located in front of the beverage holder. To use the coin holder, pull the handle, then push the button. The lid will swing open. To close the lid, push it down until it latches.

Make sure to close the lid before you close the beverage holder.



#### **Accessory Power Sockets**

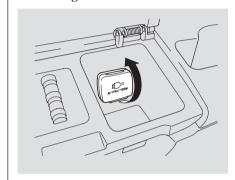


There are three accessory power sockets in your vehicle. Two accessory power sockets are above the center pocket for the front seat passengers, and another is on the cargo area sidewall on the driver's side.

Each socket is intended to supply power for 12 volt DC accessories that are rated 120 watts or less (10 amps).

None of the sockets will power an automotive type cigarette lighter element.

# AC Power Outlet On Touring models



There is a 115 volt AC power outlet in the rear compartment on the driver's side. To use the AC power outlet, open the rear compartment lid and open the outlet cover. Insert the plug into the receptacle slightly, turn it 90° clockwise, then push in the plug all the way.

Always run the engine when you use the AC power outlet.



The maximum capacity for this power outlet is 115 volt AC at 100 watts or less. If you use an appliance which requires more than 100 watts, it automatically stops supplying the power. If this happens, turn the ignition switch off and turn it on again.

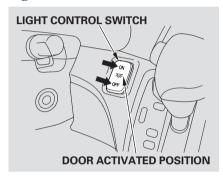
NOTE: The AC power outlet is not designed for electric appliances which require high initial peak wattage such as cathode-ray tube type televisions, refrigerators, electric pumps, etc. It is also not suitable for devices that process precise data such as medical equipment or measuring instruments. Any appliances that require an extremely stable power supply such as microcomputer-controlled electric blankets, touch sensor lamps, etc., should not be connected to this outlet.





#### **Interior Lights**

#### **Light Control Switch**



The light control switch controls the interior lights: the individual map lights in the front, the individual map lights above the second and third row passengers. This switch has three positions: OFF, door activated, and ON.

When the switch is in the OFF position:

- None of the lights come on when a door is opened.
- The individual map lights in the front can be turned on and off by pressing the lenses.
- The individual map lights in the second and third rows cannot be turned on.

When the switch is in the door activated position:

- The individual map lights in the front come on when any door is opened. When the doors are closed, each light can be turned on and off by pressing the lenses.
- The individual map lights in the second and third rows come on when any door is opened. When the doors are closed, each light can be turned on and off by pushing on the lens.



When the switch is in the ON position:

• All the individual map lights come on and stay on as long as the switch remains in the ON position.

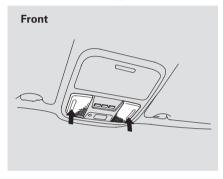
After all doors are closed tightly, the light(s) dims slightly, then fades out in about 30 seconds.

With the light control switch in the door activated position, all the individual map lights come on when you unlock the door with the remote transmitter (see page 150).

With any door left open, the lights stay on about 3 minutes, then go out.

On Touring models You can change the "INTERIOR LIGHT DIMMING TIME" setting in the multi-information display (see page 121).

#### **Individual Map Lights**

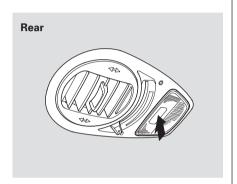


Turn on the front and rear individual map lights by pushing the lens of each light. Push the lens again to turn it off. You can also operate these lights with the light control switch (see page 208).

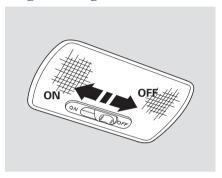
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### **Interior Lights**

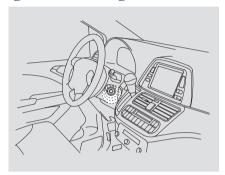


#### Cargo Area Light



The cargo area light has a three-position switch. In the OFF position, the light does not come on. In the center position, it comes on when you open the tailgate. In the ON position, it stays on continuously.

#### **Ignition Switch Light**

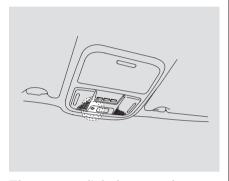


The ignition switch light comes on when you open the driver's door, and stays on several seconds after you close the door.

### **Courtesy Lights**



The courtesy lights in the front doors come on when you open any door.



The courtesy light between the map lights comes on when you turn the parking lights on. To adjust its brightness, turn the Select/Reset knob on the instrument panel.









The heating and air conditioning system in your vehicle provides a comfortable driving environment in all weather conditions.

The standard audio system has many features. This section describes those features and how to use them. (If you have an optional audio system, refer to the operating instructions that came with it.)

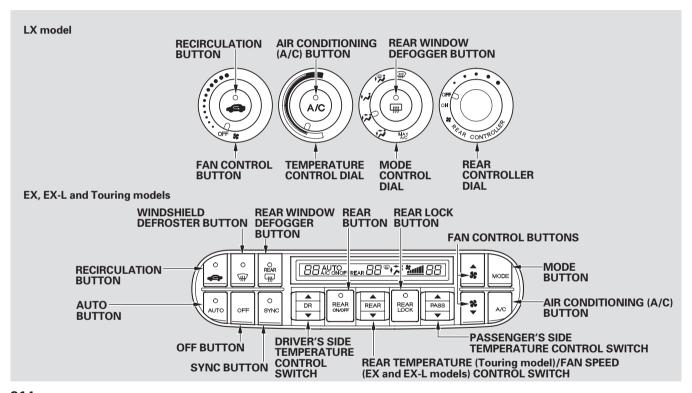
Your vehicle has an anti-theft audio system that requires a code number to enable it.

The security system helps to discourage vandalism and theft of your vehicle.

On vehicles with navigation system
The climate control system and the
audio system have a voice control
feature. Refer to the navigation
system manual for more information.

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On LX model

Turn the dial clockwise to increase the fan speed and airflow. Turn the dial counterclockwise to decrease it.

On EX, EX-L and Touring models
Press the ♣ button to increase
the fan speed and airflow. Press the
♣ button to decrease it.

#### **Temperature Control**

On LX model

Turning this dial clockwise increases the temperature of the airflow.

On EX, EX-L and Touring models Your vehicle has four temperature control buttons, two for the driver, and two for the front passenger.

On EX and EX-L models
When the rear passenger's zone is
turned on using the REAR button on
the front control panel, the rear
passenger compartment temperature

is selected based on the driver's temperature setting.

On Touring models

The rear passenger compartment temperature can also be set separately. Press the top (▲) of the appropriate temperature control button to increase the temperature of airflow. Press the bottom (▼) of the button to decrease it. Each set temperature is shown in the display.

When you set the temperature to its lower limit or its upper limit, it will be displayed as "Lo" or "Hi".

#### SYNC Button

On EX, EX-L and Touring models
When you press this button, the
indicator in the button comes on, and
the passenger's side temperature
(and the temperature of the rear
passenger compartment on the
Touring model) is synchronized to
the driver's side set temperature.

Changing the passenger's side temperature (or the temperature of the rear passenger compartment on the Touring model) makes the indicator to go off, and takes the system out of SYNC mode.

Air Conditioning (A/C) Button This button turns the air conditioning on and off. On LX model, the indicator in the button is on when the A/C is on. On EX, EX-L, and Touring models, you will see A/C ON or A/C OFF in the display.

#### **Recirculation Button**

When the indicator in the button is on, air from the vehicle's interior is sent throughout the system again. When the indicator is off, air is brought in from the outside of the vehicle (fresh air mode).

**CONTINUED** 



The outside air intakes for the heating and cooling system are at the base of the windshield. Keep this area clear of leaves and other debris.

Rear Window Defogger Button [#]
This button turns the rear window defogger on and off (see page 143).

#### **Mode Control**

Use the mode control dial or button to select the vents the air flows from. Some air will flow from the dashboard vents in all modes.

- Air flows from the center and corner vents in the dashboard.
- Airflow is divided between the vents in the dashboard and the floor vents.

- Air flows from the floor vents. When you select , the system automatically switch to Fresh Air mode.
- Airflow is divided between the floor vents and defroster vents at the base of the windshield.
- Air flows from the defroster vents at the base of the windshield.

When you select \(\pm\), the system automatically switches to fresh air mode and turns on the A/C. The passenger's temperature cannot be set separately from the driver's.

On LX model only

The system automatically turns on the A/C and switches to recirculation mode. Air flows from the center and side vents in the dashboard. In this mode, you cannot turn off the A/C and also cannot switch to fresh air mode.

When you switch to from MAX A/C , the A/C stays on, and you can turn it on and off manually.

When you switch to another mode, the A/C returns to its original setting, either on or off, as displayed by the A/C indicator.

#### **REAR/REAR LOCK Button**

On Touring models only
When you want to change the
temperature of the rear passenger
compartment, press the REAR
button. The indicator in the button
comes on, and you can change the
temperature using the rear
temperature control button. When
you press the REAR LOCK button,
the indicator in the button comes on,
the rear A/C passenger control
panel is disabled, and you cannot
change any settings from it.
See page 223 for how to operate the
rear passenger control panel.

You can change the fan speed of the rear system from the front control panel. Press the REAR button, the indicator in the button comes on. Push the rear fan control button up or down to increase or decrease the rear fan speed. When you press the REAR LOCK button, the indicator in the button comes on, and the rear passenger control panel is disabled.

See page 222 for how to operate the rear passenger control panel.

#### Ventilation

The flow-through ventilation system draws in outside air, circulates it through the interior, then exhausts it through vents near the rear side panels.

- 1. Set the temperature control dial or button to the lower limit.
- 2. Make sure the A/C is off.
- 3. Select in and fresh air mode.
- 4. Set the fan to the desired speed.

#### Using the Heater

The heater uses engine coolant to warm the air. If the engine is cold, it will be several minutes before you feel warm air coming from the system.

- 3. Adjust the warmth of the air with the temperature control dial or buttons.

#### Using the A/C

Air conditioning places an extra load on the engine. Watch the engine coolant temperature gauge (see page 77 ). If it moves near the red mark. turn off the A/C until the gauge reads normally.

- 1. Press the A/C button. The indicator in the button comes on (LX model) or "A/C ON" is shown in the display (EX, EX-L and Touring models) when a fan speed is selected.
- 2. Make sure the temperature is set to the lower limit.
- 3. Select 🕻 .
- 4. If the outside air is humid, select recirculation mode. If the outside air is dry, select fresh air mode.
- 5. Set the fan to the desired speed. **CONTINUED**



If the interior is very warm, you can cool it down more rapidly by partially opening the windows, turning on the air conditioning, and setting the fan to maximum speed in fresh air mode.

#### **Dehumidify the Interior**

Air conditioning, as it cools, removes moisture from the air. When used in combination with the heater, it makes the interior warm and dry.

- 1. Switch the fan on.
- 2. Turn on the air conditioning.
- 3. Select and fresh air mode.
- 4. Adjust the temperature to your preference.

This setting is suitable for all driving conditions whenever the outside temperature is above  $32^{\circ}F$  (0°C).

#### To Defog and Defrost

To remove fog from the inside of the windows:

- 1. Set the fan to high.
- 2. Select . The system automatically switches to the fresh air mode and turns on the A/C.

The indicator in the A/C button will not come on (LX model), or the A/C ON indicator will not come on (EX, EX-L, and Touring models), if the A/C was off to start with.

- 3. Adjust the temperature so the airflow feels warm.
- 4. Select to help clear the rear window.

When you switch to another mode from \( \frac{\frac{1}}{100} \), the A/C turns off. But if it was on to start with, it stays on.

# To Remove Exterior Frost or Ice From the Windows

1. Select (##) . The system automatically switches to fresh air mode and turns on the A/C.

The indicator in the A/C button will not come on (LX model), or the A/C ON indicator will not come on (EX, EX-L, and Touring models), if the A/C was off to start with.

- 2. Select .
- 3. Set the fan and temperature controls to maximum level.

To clear the windows faster, you can close the dashboard corner vents by rotating the wheel next to each vent. This sends more warm air to the windshield defroster vents. Once the windshield is clear, select fresh air mode to avoid fogging the windows. For your safety, make sure you have a clear view through all the windows before driving.



#### **Using Automatic Climate Control**

On EX, EX-L and Touring models
The automatic climate control
system adjusts the fan speed and
airflow levels to maintain the interior
temperature you select.

- 1. Press the Auto button. The indicator in the button comes on.
- 2. Set the desired temperature with the temperature control button. You will see AUTO in the system's display. You can set the driver's side temperature and passenger's side temperature (and the temperature of the rear passenger compartment on the Touring model) separately. The system automatically selects the proper mix of conditioned and/or heated air that will, as quickly as possible, raise or lower the interior temperature to your preference.

If you set the temperature to its lower or its upper limit, the system runs at full cooling or heating only. It does not regulate the interior temperature.

When you press a fan control button, the fan is taken out of AUTO mode.

On EX-L and Touring models with navigation system

In AUTO mode, the vehicle's interior temperature is independently regulated for the driver and passenger. If the driver's side of the vehicle is getting too much sun, the system will adjust to a lower temperature.

On Touring models with navigation system

In AUTO mode, the rear passenger compartment temperature is also regulated independently.

#### **Semi-automatic Operation**

You can manually select various functions of the climate control system when it is in fully automatic mode. All other features remain automatically controlled. Making any manual selection causes the word AUTO in the display to go out.

#### **To Turn Everything Off**

On LX model

Turn the fan speed and temperature control dials all the way to the left, and turn the rear controller dial to OFF position.

On EX, EX-L and Touring models
Press the OFF button and the REAR
button (indicator is off).

- Keep the system completely off for short periods only.
- To keep stale air and mustiness from collecting, you should have the fan running at all times.



#### **Voice Control System**

On models with navigation system
The climate control system for your vehicle can also be operated by voice control. See the navigation section in your quick start guide for an overview of this system, and the navigation system manual for complete details.

### Using the Rear A/C Unit

On LX model

You can adjust the airflow of the rear A/C unit with the rear controller dial on the front control panel. The rear passengers can also adjust the direction and the amount of airflow on the rear control panel.

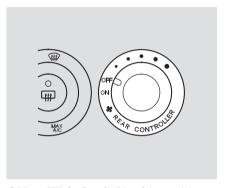
On EX, EX-L, and Touring models You can adjust the airflow and temperature of the rear A/C unit with the REAR button and the rear temperature/fan speed control switch on the front control panel.

The rear passengers can also adjust the fan speed, temperature, and airflow of the rear A/C unit with the rear control panel.

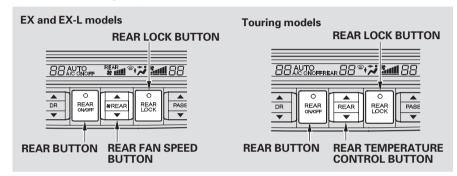
#### **Rear Controller Dial**

(On front control panel) *On LX model* 

**OFF** — With the dial in this position, no air flows to the rear vents. The rear control panel cannot be used by a second row passenger to adjust the rear A/C. Turning the dial clockwise changes the fan speed to the rear passengers.



**ON** — With the dial in this position, the rear control panel can be used by a second row passenger to adjust the rear fan speed, airflow, and temperature.



On EX and EX-L models

REAR Button — When the indicator in this button is off, no air flows to the rear vents. When the indicator is on, the rear fan speed can be adjusted with the rear fan speed button. In addition, when the indicator is on, the rear control panel can be used by a second row passenger to adjust the rear fan speed, airflow, and temperature.

When the REAR LOCK button is on, the rear temperature is controlled by the driver's side temperature control switch. On Touring models

REAR Button — When the indicator in this button is off, no air flows to the rear vents, The rear control panel cannot be used by a second row passenger to adjust the rear A/C. When the indicator in this button is on, the rear fan temperature can be adjusted with the REAR button in the center of the front control panel. In addition, the rear control panel can be used by a second row passenger to adjust the rear fan speed, airflow, and temperature.

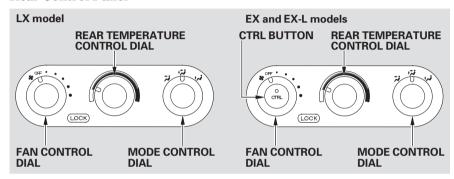
On EX, EX-L and Touring models

**REAR LOCK Button** — When the indicator in this button is on, the rear control panel is disabled, and the rear A/C can only be controlled by the front control panel.

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#### **Rear Control Panel**



On LX model

The rear control panel can only be used when the rear controller dial on the front control panel is in the ON position.

On EX and EX-L models

The rear control panel can only be used when the indicator in the REAR LOCK button on the front control panel is off.

When you press the CTRL button inside the fan control dial, the indicator comes on, and the fan speed is changed by turning the dial.

On LX, EX and EX-L models
Turn the fan control dial clockwise
to increase fan speed and airflow.

Select the vents the air flows from with the mode control dial.

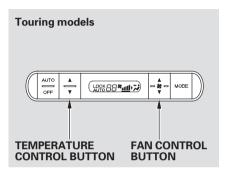
When is selected, air flows from the rear ceiling vents.

When **\rightarrow** is selected, air flows from the rear floor vents.

When is selected, airflow is divided between the rear floor vents and rear ceiling vents.

Turn the rear temperature control dial clockwise to increase the temperature of the airflow.

### **Rear Climate Control**



On Touring models

The rear control panel can only be used when the indicator in the REAR LOCK button on the front control panel is off.

Press the top (▲) of the temperature control button to increase the temperature of airflow, and the bottom (▼) of the button to decrease it. The temperature you adjust is shown in the system display.

Press the top  $(\triangle)$  of the fan control button to increase the fan speed and airflow. Press the bottom  $(\nabla)$  of the button to decrease it. The level of the fan speed is shown in the display.

Each time you press the mode button, the mode display changes from + , to + , then to

When is selected, air flows from the rear ceiling vents.

When **\** is selected, air flows from the rear floor vents.

When is selected, airflow is divided between the rear floor vents and rear ceiling vents.

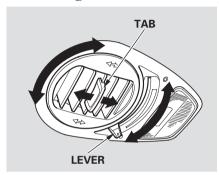
Pressing the AUTO button puts the system in automatic operation mode. The rear system automatically adjusts the fan speed and airflow levels to maintain the selected temperature of the rear passenger compartment.

Pressing the OFF button shuts off the rear climate control system.



### Rear Climate Control, Climate Control Sensors

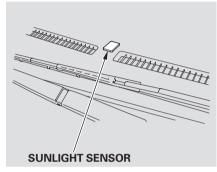
#### **Rear Ceiling Vents**



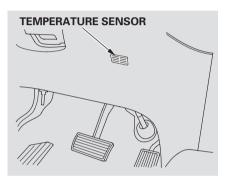
The direction and quantity of airflow from each rear ceiling vent is adjustable.

To adjust the direction of air coming from a rear ceiling vent, move the tab in the center of each vent backand-forth, and rotate the vent with the tab. The lever next to each vent can be opened and closed to regulate the amount of airflow.

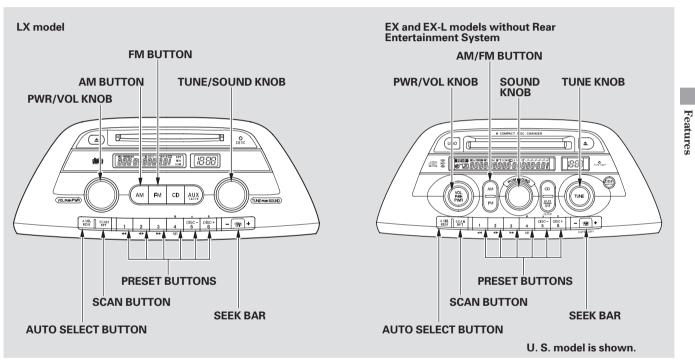
#### **Sunlight and Temperature Sensors**



The climate control system has three sensors. A sunlight sensor is in the top of the dashboard, and a temperature sensor is next to the steering column. There is also a rear sensor on the rear sidewall near the exhaust vent. Do not cover the sensors or spill any liquid on them.

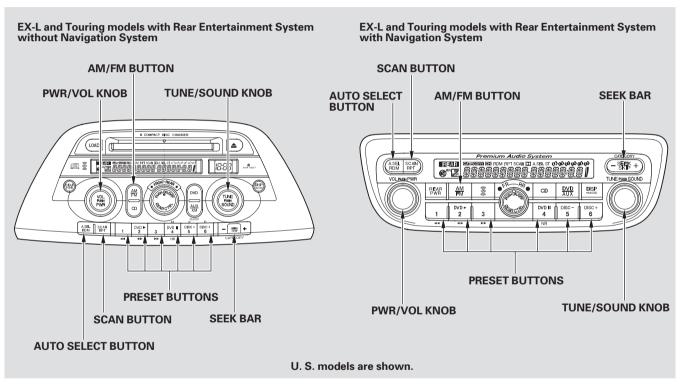






**CONTINUED** 









#### To Play the AM/FM Radio

The ignition switch must be in the ACCESSORY (I) or ON (II) position. Turn the system on by pushing the PWR/VOL knob. Adjust the volume by turning the same knob.

The band and frequency that the radio was last tuned to is displayed. To change bands, press the AM or FM button, or AM/FM button. On the FM band, ST will be displayed if the station is broadcasting in stereo. Stereo reproduction in AM is not available.

#### To Select a Station

You can use any of five methods to find radio stations on the selected band: TUNE, SEEK, SCAN, the preset buttons, and AUTO SELECT.

TUNE — Use the TUNE knob to tune the radio to a desired frequency. Turn the knob right to tune to a higher frequency, or left to tune to a lower frequency.

**SEEK** — The SEEK function searches up and down from the current frequency to find a station with a strong signal. To activate it press the + or — side of the bar, then release it.

SCAN — The SCAN function samples all stations with strong signals on the selected band. To activate it, press the SCAN button, then release it. You will see SCAN in the display. The system will scan for a station with a strong signal. When it finds one, it will stop and play that station for about 5 seconds.

If you do nothing, the system will then scan for the next strong station and play it for 5 seconds. When it plays a station you want to listen to, press the SCAN button again.

**Preset** — Each preset button can store one frequency on AM and two frequencies on FM.

- Select the desired band, AM or FM. FM1 and FM2 let you store two frequencies with each preset button.
- 2. Use the tune, seek, or scan function to tune the radio to a desired station.
- 3. Pick a preset button, and hold it until you hear a beep.
- 4. Repeat steps 1 through 3 to store a total of six stations on AM and twelve stations on FM.

CONTINUED



**AUTO SELECT** — If you are traveling far from home and can no longer receive your preset stations, you can use the auto select feature to find stations in the local area.

Press the A. SEL button. "A. SEL" appears in the display, and the system goes into scan mode for several seconds. It stores the frequencies of six AM and twelve FM stations in the preset buttons.

You will see a "0" displayed after pressing a preset button if auto select cannot find a strong station for every preset button.

If you do not like the stations auto select has stored, you can store other frequencies on the preset buttons. Use the TUNE, SEEK, or SCAN functions to find stations, then store them in the preset buttons as described.

To turn off auto select, press the A. SEL (auto select) button. This restores the presets you originally set.

#### **Voice Control System**

On models with navigation system
The audio system for your vehicle
can also be operated by voice control.
See the navigation section in your
quick start guide for an overview of
this system, and the navigation
system manual for complete details.

#### Adjusting the Sound

Press the SOUND (TUNE) knob repeatedly to display the bass, treble, balance, and fader settings.

Each mode is shown in the display as it changes. Turn the SOUND (TUNE) knob to adjust the setting to your liking. When the level reaches the center, you will see "C" or "CENTER" in the display. The system will automatically return the display to the selected audio mode about 5 seconds after you stop adjusting a mode.

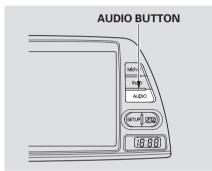
**Treble/Bass** — Use the TRE/BAS modes to adjust the tone to your liking.

Balance/Fader — These two modes adjust the strength of the sound coming from each speaker. BAL adjusts the side-to-side strength, while FAD adjusts the front-to-back strength.



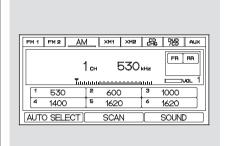


# Operating the Radio on the Navigation System Screen



On models with navigation system In addition to the knobs and buttons on the radio control panel, you can operate some of the radio controls on the navigation system screen. While you are listening to the radio, you can change to another band by pressing the AUDIO button next to the navigation system screen, and then touching the desired band icon (FM1, FM2, or AM).

AUTO SELECT, SCAN, and SEEK are adjustable from the navigation screen. For an explanation of these functions, see pages 227 and 228.



Feature

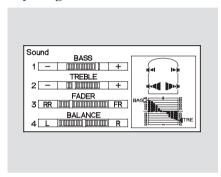
AUTO SELECT — Touch the AUTO SELECT icon to activate the auto select function. You will see AUTO SEL in the upper display.

**SCAN** — Touch the SCAN icon to activate the scan function. You will see SCAN on the display. Touch the icon again to deactivate it.

**CONTINUED** 



#### Adjusting the Sound



You can also adjust the sound from the navigation screen.

To adjust the sound, push the AUDIO button, then enter the sound grid by touching the SOUND icon on the display.

**Treble/Bass** — To adjust the treble and bass, touch + or — on each side of the treble or bass adjustment bar. The adjustment bar shows you the current setting.

Left/Right Balance and Front/ Rear Fader — These modes adjust the strength of the sound coming from each speaker. Left/Right balance adjusts the side-to-side strength, while Front/Rear fader adjust the front-to-back strength. To adjust the left/right balance, touch the "L" or "R" icon.

To adjust the front/rear fader, touch the "FR" or "RR" icon.

To see the audio display when you are finished adjusting the sound, wait 5 seconds.

#### **Audio System Lighting**

You can use the instrument panel brightness control knob to adjust the illumination of the audio system (see page 142). The audio system illuminates when the parking lights are on, even if the system is turned off.



# **AM/FM Radio Reception**

#### **Radio Frequencies**

The radio can receive the complete AM and FM bands.
Those bands cover these frequencies:

AM band: 530 to 1,710 kHz FM band: 87.7 to 107.9 MHz

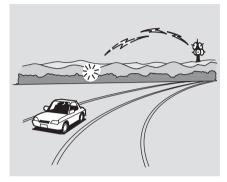
Radio stations on the AM band are assigned frequencies at least 10 kHz apart (530, 540, 550). Stations on the FM band are assigned frequencies at least 0.2 MHz apart (87.9, 88.1, 88.3).

Stations must use these exact frequencies. It is fairly common for stations to round-off the frequency in their advertising, so your radio could display a frequency of 100.9 even though the announcer may identify the station as "FM101."

#### **Radio Reception**

How well the radio receives stations is dependent on many factors, such as the distance from the station's transmitter, nearby large objects, and atmospheric conditions.

A radio station's signal gets weaker as you get farther away from its transmitter. If you are listening to an AM station, you will notice the sound volume becoming weaker, and the station drifting in and out. If you are listening to an FM station, you will see the stereo indicator flickering off and on as the signal weakens. Eventually, the stereo indicator will go off and the sound will fade completely as you get out of range of the station's signal.



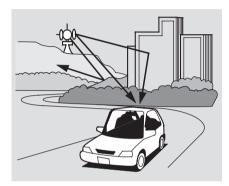
Features

Driving very near the transmitter of a station that is broadcasting on a frequency close to the frequency of the station you are listening to can also affect your radio's reception. You may temporarily hear both stations, or hear only the station you are close to.

**CONTINUED** 



### **AM/FM Radio Reception**



Radio signals, especially on the FM band, are deflected by large objects such as buildings and hills. Your radio then receives both the direct signal from the station's transmitter, and the deflected signal. This causes the sound to distort or flutter. This is a main cause of poor radio reception in city driving.

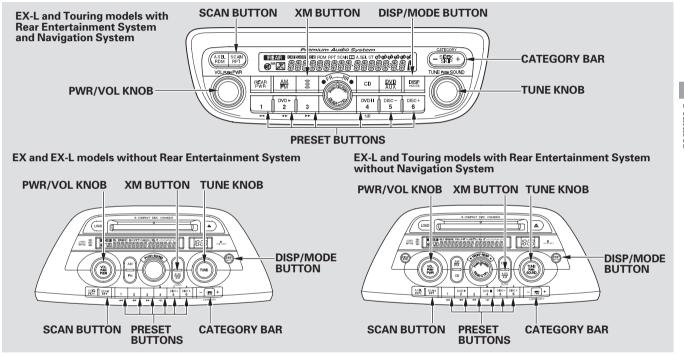


Radio reception can be affected by atmospheric conditions such as thunderstorms, high humidity, and even sunspots. You may be able to receive a distant radio station one day and not receive it the next day because of a change in conditions.

Electrical interference from passing vehicles and stationary sources (such as garages or parking structures) can cause temporary reception problems.

As required by the FCC: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.





**CONTINUED** 



On U.S. models with navigation system **NOTE**: U.S. models without navigation systems are XM ready, but they require additional equipment for XM to be operational. Your audio system is capable of receiving XM® Satellite Radio anywhere in the United States, except Hawaii and Alaska.

XM<sup>®</sup> is a registered trademark of XM Satellite Radio, Inc.

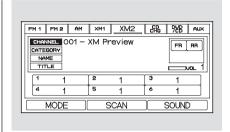
XM radio receives signals from two satellites to produce clear, high-quality digital reception. It offers many channels in several categories. Along with a large selection of different types of music, XM radio allows you to view channel and category selections in the display. The navigation system screen also shows all XM information when the AUDIO button is pressed.

Operating the XM Radio

To listen to XM radio, turn the ignition switch to the ACCESSORY (I) or the ON (II) position. Push the PWR/VOL knob to turn on the audio system, and press the "XM" button. Adjust the volume by turning the PWR/VOL knob. The last channel you listened to will show in the display.

You can also change to the XM radio while you are listening to an FM station, AM station, CD, etc., by touching the XM1 or XM2 icon on the audio display (navigation system screen).

MODE — To switch between channel mode and category mode, press and hold the DISP/MODE button until the mode changes. In channel mode, you can select all of the available channels. In category mode, such as Jazz, Rock, Classical, etc., you can select all of the channels within that category.



Each time you press and release the DISP/MODE button, the display changes in the following sequence: Channel name, channel number, category, artist name, and music title.

On the audio display, you will see the selected CHANNEL (number), CATEGORY, NAME (artist name), and TITLE (music title).

You may experience periods when XM Radio does not transmit the artist's name and song title information. If this happens, there is nothing wrong with your system.





On models with a rear entertainment system and a navigation system, you cannot listen to XM Radio and a disc at the same time. For example, when XM Radio is playing on the front speakers, you cannot listen to a disc on the rear speakers, or vice versa.

**TUNE** — Turn the tune knob left or right to select channels. In the category mode, you can only select channels within that category.

**CATEGORY** — Press either side of the bar (- or +) to select another category.

SCAN — The scan function gives you a sampling of all channels while in the channel mode. In the category mode, only the channels within that category are scanned. To activate scan, press the SCAN/RPT button or touch the SCAN icon on the audio display. The system plays each channel in numerical order for a few

seconds, then selects the next channel. When you hear a channel you want to continue listening to, press the button or touch the icon again.

**Preset** — You can store up to 12 preset channels using the six preset buttons or preset icons on the audio display. Each button stores one channel from the XM1 band and one channel from the XM2 band.

To store a channel:

- 1. Press the XM RADIO button. Either XM1 or XM2 will show in the display.
- 2. Use the TUNE knob, the CATEGORY bar, or the SCAN button to tune to a desired channel. You can also touch the SCAN icon on the audio display.

In category mode, only channels within that category can be selected. In channel mode, all channels can be selected.

- 3. Pick the preset button (icon) you want for that channel. Press and hold the button (icon) until you hear a beep.
- 4. Repeat steps 2 and 3 to store the first six channels.
- 5. Press the XM RADIO button again or touch the other XM icon (XM1 or XM2) on the audio display. Store the next six channels using steps 2 and 3.

Once a channel is stored, press and release the proper preset button (icon) to tune to it.





# Playing the XM<sup>™</sup> Satellite Radio

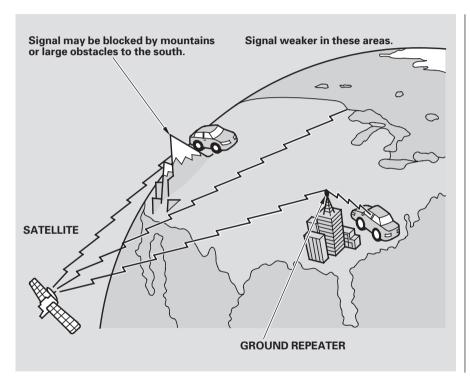
#### **XM Radio Display Messages**

- "LOADING" XM is loading the audio or program information.
- "OFF AIR" The channel currently selected is no longer broadcasting.
- **"UPDATING"** The encryption code is being updated. Wait until the encryption code is fully updated. Channels 0 and 1 should still work normally.
- "NO SIGNAL" The signal is currently too weak. Move the vehicle to an area away from tall buildings, and with an unobstructed view of the southern horizon.
- "----" The selected channel number does not exist or is not part of your subscription.
- "NO INFO" This channel has no artist or title information at this time.

# "CHECK

**ANTENNA"** — There is a problem with the XM antenna. Please consult your dealer.





The XM satellites are in orbit over the equator; therefore, objects south of the vehicle may cause satellite reception interruptions. To help compensate for this, ground-based repeaters are placed in major metropolitan areas. metropolitan areas.
Satellite signals are more likely to be blocked by tall buildings and mountains the farther north you

**CONTINUED** 



Depending on where you drive, you may experience reception problems. Interference can be caused by any of these conditions:

- Driving on the north side of an east/west mountain road.
- Driving on the north side of a large commercial truck on an east/west road.
- Driving in tunnels.
- Driving on a road beside a vertical wall, steep cliff, or hill to the south of you.
- Driving on the lower level of a multi-tiered road.
- Driving on a single lane road alongside dense trees taller than 50 ft. (15 m) to the south of you.

There may also be other geographic situations or structures that could affect satellite radio reception.

As required by the FCC: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Receiving Satellite Radio Service If your XM Radio service has expired or you purchased your vehicle from a previous owner, you can listen to a sampling of the broadcasts available on XM satellite radio. With the ignition switch in the ACCESSORY (I) or the ON (II) position, push the PWR/VOL knob to turn on the audio system and press the XM RADIO button. A variety of music types and styles will play.

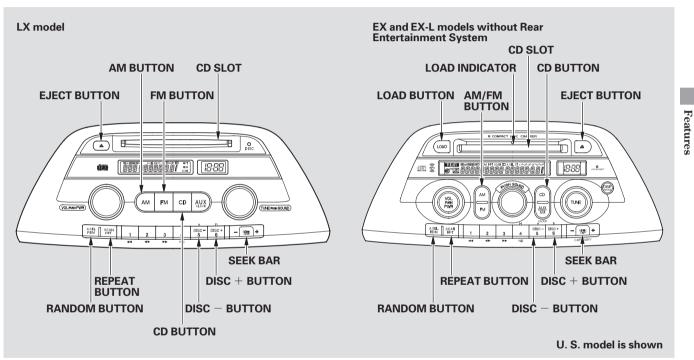
If you decide to purchase XM satellite radio service, contact XM Radio at *www.xmradio.com*, or at 1-800-852-9696. You will need to give them your radio I.D. number and your credit card number. To get your radio I.D. number, turn the TUNE

knob until "0" appears in the display. Your I.D. will appear in the display.

After you've registered with XM Radio, keep your audio system in the satellite radio mode while you wait for activation. This should take about 30 minutes.

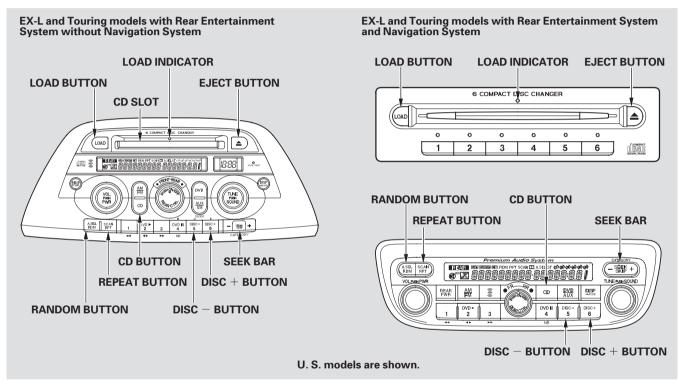
While waiting for activation, make sure your vehicle remains in an open area with good reception. Once your audio system is activated, "category" or "CH" will appear in the display, and you'll be able to listen to XM radio broadcasts. XM Radio will continue to send an activation signal to your vehicle for at least 12 hours from the activation request. If the service has not been activated after 36 hours, contact XM Radio.





**CONTINUED** 









### Playing a CD, CD Player

#### **CD Player**

On LX model
With the ignition in the
ACCESSORY (I) or ON (II) position,
insert a CD into the CD slot. The
drive will pull the CD in the rest of
the way and begin to play it. You
operate the CD player with the same
controls used for the radio. The
number of the track playing is shown
in the display. The system will
continuously play a CD until you
change modes.

#### NOTICE

Do not use CDs with adhesive labels. The label can curl up and cause the CD to jam in the unit.

#### To Change Tracks

Each time you press and release the + side of the SKIP bar, the player skips forward to the beginning of the next track. Press and release the - side of the SKIP bar to skip backward to the beginning of the previous track.

**REPEAT** — To continuously replay a track, press the RPT button. You will see RPT in the display. Press it again to turn it off.

**RANDOM** — This feature plays the tracks in random order. To activate random play, press and release the RDM button. You will see RDM in the display. This continues until you press the RDM button again.

#### To Stop Playing a CD

Press the eject button ( ) to remove the CD. If you eject the CD, but do not remove it from the slot, the system will automatically reload the CD after 10 seconds and put it in pause mode. To begin playing, press the CD button.

Press the AM or FM button to switch to the radio while a CD is playing. Press the CD button to play the CD.

If you turn the system off while a CD is playing, either with the PWR/VOL knob or by turning off the ignition, the CD will stay in the drive. When you turn the system back on, the CD will begin playing where it left off.



#### Operating the CD Changer

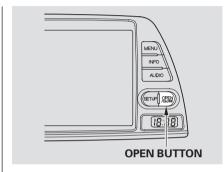
On EX, EX-L and Touring models
Your audio system has an in-dash
CD changer that holds up to six CDs,
providing several hours of
continuous entertainment. You
operate this CD changer with the
same controls used for the radio.

To load CDs or operate the CD changer, the ignition switch must be in the ACCESSORY (I) or ON (II) position.

#### NOTICE

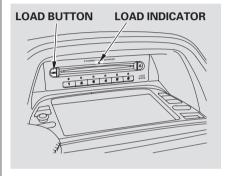
Do not use CDs with adhesive labels. The label can curl up and cause the CD to jam in the unit.

On vehicles with navigation system
The CD changer is behind the
navigation system screen. To use the
CD changer, press the OPEN button
beside the screen. The screen folds
back, and the CD changer appears.



To return the screen to the upright position, press the OPEN button again. Do not use the folded screen as a tray. If you put a cup, for example, on the screen, the liquid inside the cup may spill on the screen when you go over a bump.

# Loading CDs in the Changer On vehicles with navigation system



To load multiple CDs in one operation:

1. Press and hold the LOAD button beside the CD slot until you see "LOADING" in the display, then release the button.

- 2. The indicators above the disc buttons of the empty positions will blink, and the green load indicator above the CD slot comes on.
- 3. Insert a CD into the CD slot.
  Insert it only about halfway; the drive will pull it in the rest of the way. You will see "BUSY" in the display. The CD load indicator turns red and blinks as the CD is loaded.
- 4. When LOADING appears again in the display, insert the next CD into the CD slot.
- 5. Repeat this until all six positions are loaded. The system will then begin playing the first CD loaded.

If you stop loading CDs before all six positions are filled, the system will wait for 10 seconds, then stop the load operation and begin playing the last CD loaded.

To load a single CD:

- 1. Press and release the LOAD button.
- 2. The indicators above the Disc buttons of the empty positions will blink, and the green CD load indicator comes on. When you see "LOADING" in the display, insert the disc into the CD slot. Insert it only about halfway; the drive will pull it in the rest of the way.
- 3. The system will load the CD and begin playing it.

If you press the LOAD button while a CD is playing, the system will stop playing that CD and start the loading sequence. It will then play the CD just loaded.

You can also load a CD into an empty position while a CD is playing by pressing the appropriate disc button. Select an empty disc button (the indicator above the button is off), and press the button. The system will stop playing the current CD and start the loading sequence. It will then play the CD just loaded.

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On vehicles without navigation system To load multiple CDs in one operation:

- 1. Press and hold the LOAD button beside the CD slot until you see "LOADING" in the display, then release the button.
- 2. On the upper right side of the display, the disc number for an empty position will begin blinking, and the green CD load indicator will come on.
- 3. Insert the CD into the CD slot. Insert it only about halfway; the drive will pull it in the rest of the way. You will see "BUSY" in the display. The CD loaded indicator turns red and blinks as the CD is loaded.

- 4. When "LOADING" appears again in the display, insert the next CD into the CD slot.
- 5. Repeat this until all six positions are loaded. The system will then begin playing the last CD loaded.

If you are not loading CDs into all six positions, press the LOAD button again after the last CD has loaded. The system will begin playing the last CD loaded.

If you stop loading CDs before all six positions are filled, the system will wait for ten seconds, then stop the load operation and begin playing the last CD loaded.

To load a single CD:

- 1. Press and release the LOAD button.
- 2. When the disc number for an empty position starts to blink and the green CD load indicator comes on, you will see LOAD in the display. Insert the disc into the CD slot. Insert it only about halfway, the drive will pull it in the rest of the way.
- 3. The system will load the CD and begin playing it.



#### To Play a CD

Select the CD changer by pressing the CD button. You will see "CD" in the display. The system will begin playing the last selected disc in the CD changer. You will see the disc and track numbers displayed.

When that CD ends, the next CD in the CD changer is loaded and played. After the last CD finishes, the system returns to CD 1.

To select a different CD, press the appropriate preset button (1-6). If you select an empty position in the CD changer, the system will go into the loading sequence.

You can use the SKIP bar while a disc is playing to select passages and change tracks.

To move rapidly within a track, press and hold the - or + side of the SKIP bar. You will hear a beep and

the system will continue to move through the track. Press the + side of the SKIP bar to move forward, or the - side to move backward. Release the bar when the system reaches the point you want.

On models with a rear entertainment system and a navigation system, you cannot listen to a disc and XM Radio at the same time. For example, when a disc is playing on the front speakers, you cannot listen to XM Radio on the rear speakers, or vice versa.

#### To Change Tracks

Each time you press the + side of the SKIP bar, the system skips forward to the beginning of the next track. Press and release the — side to skip backward to the beginning of the current track. Press it again to skip to the beginning of the previous track.

On vehicles without navigation system **REPEAT** — To activate the repeat feature, press and release the RPT button. You will see RPT in the display as a reminder. The system continuously replays the current track. Press the KP1 DULLON again to turn it off. Pressing either side of the SKIP bar also turns off the repeat feature. track. Press the RPT button again to

**RANDOM PLAY** — This feature, when activated, plays the tracks within a CD in random order, rather than in the order they are recorded on the CD. To activate random play. press the RDM button. You will see RDM in the display. The system will then select and play tracks randomly. This continues until you deactivate random play by pressing the RDM button again, or you select a different CD with a preset button.

**CONTINUED** 



# On vehicles with navigation system **Track Scan**

When you press the SCAN button or touch the TRACK SCAN icon on the upper display, the first track of the current disc plays for about 10 seconds. You will see SCAN in the upper display and in the audio display. To hear the rest of the track, press the SCAN button or touch the TRACK SCAN icon again within 10 seconds. If you don't, the system advances to the next track, plays about 10 seconds of it, and continues through the rest of the tracks the same way.

#### Disc Scan

When you press and hold the SCAN button until vou see D-Scan in the display, or when you touch the DISC SCAN icon on the upper display, the first track of the current CD plays for about 10 seconds. You will see D-SCAN in the display and DISC SCAN in the upper display. To hear the rest of the CD, press the SCAN button or touch the DISC SCAN icon again. within 10 seconds. If you don't, the system advances to the next disc. plays about 10 seconds of it, and continues throughout the rest of the CDs the same way. When the system reaches the last disc, DISC SCAN is cancelled, and the CD plays normally.

#### **Track Repeat**

When you press and release the RPT button or touch the TRACK RPT icon on the upper display, the system continuously replays the current track. As a reminder, you will see REPEAT (TRACK REPEAT) in the display. To turn this feature off, press the RPT button, or touch the TRACK REPEAT icon again.

#### **Disc Repeat**

When you press and hold the RPT button until REPEAT is in the display, or when you touch the DISC RPT icon on the audio display, the system continuously replays the current disc. As a reminder, you will see D-RPT (DISC RPT) in the display.

# Playing a CD, CD Changer

#### **Random Play**

When you press the RDM button or touch the TRACK RANDOM icon on the upper display, the system plays the tracks of the current disc in random order. You will see RANDOM (TRACK RANDOM) in the display. To turn this feature off, press the RDM button (touch TRACK RANDOM) again.

Operation of TRACK SCAN, DISC SCAN, TRACK REPEAT, DISC REPEAT, and TRACK RANDOM on the upper display is possible only when the audio display is in the upright position.

#### To Stop Playing a Disc

To take the system out of CD mode, press the AM/FM button or SAT RADIO button (U.S. models). Each time you press the AM/FM button, the system changes to the next mode (AM, FM1, or FM2). When you return to CD mode by pressing the CD button, play will continue

where it left off.

If you turn the system off while a CD is playing, either with the PWR/VOL knob or the ignition switch, play will continue at the same point when you turn it back on.

# Removing CDs from the Changer To remove the disc that is currently playing, press the eject button. You will see "EJECT" in the display. When you remove the disc from the slot, the system automatically begins the load sequence so you can load another disc in that position. If you do not load another disc within 15 seconds, the system selects the previous mode [AM, FM1, FM2, tape, or XM Radio (U.S. models)].

If you do not remove the CD from the slot, the system will reload the CD after 10 seconds and put the CD changer in pause mode. To begin playing the CD, press the CD button. To remove the disc from the changer, first select it by pressing the appropriate disc button or corresponding number on the preset button. When that disc begins playing, press the eject button.

When you press the eject button while listening to the radio, or with the audio system turned off, the disc that was last selected is ejected. After that disc is ejected, pressing the eject button again will eject the next disc in numerical order. By doing this six times, you can remove all the discs from the changer.

You can also eject discs when the ignition switch is on or off:

To eject one disc, press and release the eject button.

To eject all discs, press and hold the eject button until the indicators above the disc buttons blink.





# **Protecting Your CDs**

#### **General Information**

- When using CD-R discs, use only high quality CDs labeled for audio use.
- When recording a CD-R, the recording must be closed for it to be used.
- CD-RW discs will not work in this unit.
- Play only standard round CDs. Odd-shaped CDs may jam in the drive or cause other problems.
- Handle your CDs properly to prevent damage and skipping.

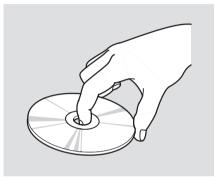
**Protecting CDs** 

When a CD is not being played, store it in its case to protect it from dust and other contamination. To prevent warpage, keep CDs out of direct sunlight and extreme heat.

To clean a CD, use a clean soft cloth. Wipe across the CD from the center to the outside edge.

A new CD may be rough on the inner and outer edges. The small plastic pieces causing this roughness can flake off and fall on the recording surface of the CD, causing skipping or other problems. Remove these pieces by rubbing the inner and outer edges with the side of a pencil or pen.

Never try to insert foreign objects in the CD player or the CD changer.



Handle a CD by its edges; never touch either surface. Do not place stabilizer rings or labels on the CD. These, along with contamination from fingerprints, liquids, and felt-tip pens, can cause the CD to not play properly or possibly iam in the drive.





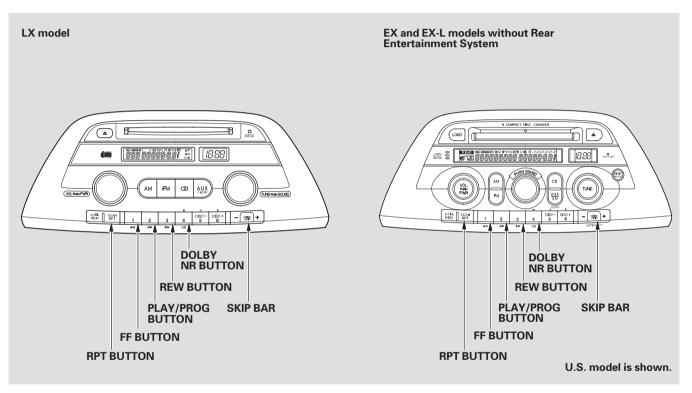
# **CD Changer Error Messages**

If you see an error message in the display while playing a CD, find the cause in the chart to the right. If you cannot clear the error message, take the vehicle to your dealer.

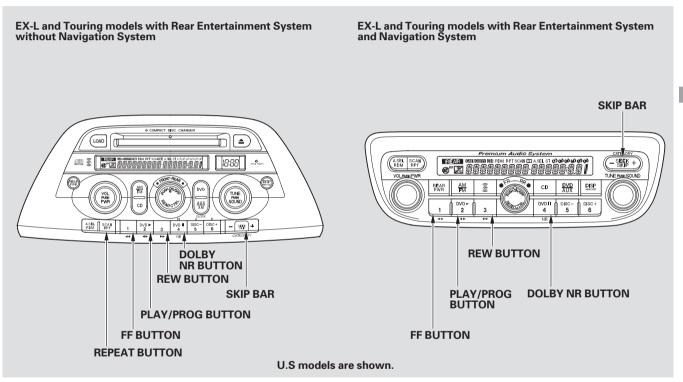
	Message	Cause	Solution
CI	HERT ERROR	Mechanical Error	Press the disc eject button, and remove the disc(s). Check for an error indication. Insert the disc(s) again. If the code does not disappear or the disc(s) cannot be removed, consult your dealer.
	MECH ERROR	High Temperature	Will disappear when the temperature returns to normal.



# Playing a Tape









## Playing a Tape

#### To Play a Tape

Optional on all models except Touring with rear entertainment system and navigation system

The ignition switch must be in the ACCESSORY (I) or the ON (II) position. Make sure the open side of the tape is facing right, then insert the tape most of the way into the slot. The system will pull the tape in the rest of the way and begin to play it.

The tape direction indicator will come on to show you which side of the tape is playing. The ▲ indicates the side you inserted upward is now playing. If you want to play the other side, press the PLAY/PROG button. When the player reaches the end of the tape, it will automatically reverse direction and play the other side.

Dolby\* noise reduction turns on when you insert a tape. The

indicator will come on in the display. If the tape was not recorded in Dolby, turn it off by pressing the NR button. Dolby remains off until you press the NR button again.

\* Dolby noise reduction is manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.

#### To Stop Playing a Tape

To remove the tape, press the EJECT button. If you want to turn the player off, press the PWR/VOL knob or turn off the ignition. The tape will remain in the drive. When you turn the system back on, the tape will begin playing where it left off.

To switch to the radio or CD player while a tape is playing, press the AM or FM button or AM/FM button, or CD button. To change back to the tape player, press the AUX button.

**Tape Search Functions FF/REW** — To rewind the tape,

FF/REW — To rewind the tape, push the REW button. You will see REW in the display. To fast forward the tape, push the FF button. You will see FF displayed. Press the FF, REW, or PLAY/PROG button to take the system out of rewind or fast forward.



**REPEAT** — Press the RPT button to continuously play a song or passage. You will see RPT displayed. The track will repeat until you press the RPT button again.

**NOTE:** The skip and repeat functions use silent periods on the tape to find the end of a song or passage. These features may not work if there is almost no gap between selections, a high noise level, or a silent period in the middle of a selection.

Caring for the Tape and Player The tape player picks up dirt and oxides from the tape. This contamination builds up over time and causes the sound quality to degrade. To prevent this, you should clean the player after every 30 hours of use.

If you do not clean the tape player regularly, it may eventually become impossible to remove the contamination with a normal cleaning kit. Your dealer has a cleaning kit available.

Use 100-minute or shorter tapes. Tapes longer than that may break or jam in the drive. If the tape is loose, tighten it by turning the hub with a pencil or your finger. If the label is peeling off, remove it or it could cause the tape to jam in the player. Never try to insert a warped or damaged tape in the player.

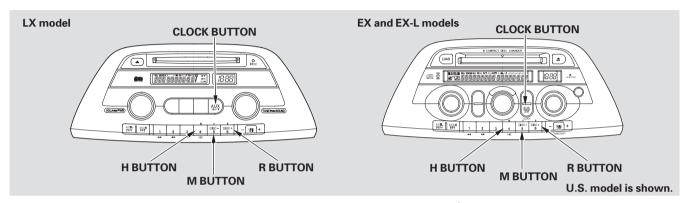
Store tapes in their cases to protect them from dust and moisture. Never place tapes where they will be exposed to direct sunlight, high heat, or high humidity. If a tape is exposed to extreme heat or cold, let it reach a moderate temperature before inserting it into the player.

Never try to insert foreign objects into the tape player.

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# **Setting the Clock**



On models without navigation system If your vehicle's battery is disconnected or goes dead, you may need to set the clock.

Press and hold the CLOCK button until the clock flashes. Change the hours by pressing the H button until the numbers advance to the desired time. Change the minutes by pressing the M button until the numbers advance to the desired time.

When you are finished, press the CLOCK button again.

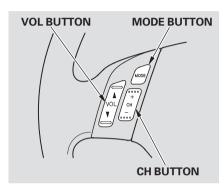
You can quickly set the time to the nearest hour. If the displayed time is before the half hour, pressing and holding the CLOCK button, then pressing the R (RESET) button sets the clock back to the previous hour. If the displayed time is after the half hour, the clock sets forward to the beginning of the next hour.

For example: 1:06 will reset to 1:00 1:52 will reset to 2:00

On models with navigation system Refer to the navigation system manual for how to adjust the time.



#### Remote Audio Controls



On EX, EX-L and Touring models
Three controls for the audio system
are mounted in the steering wheel
hub. They let you control basic
functions without removing your
hand from the steering wheel.

The VOL button adjusts the volume up (♠) or down (▼). Press the top or bottom of the button and hold it until the desired volume is reached, then release it.

The MODE button changes the mode. Pressing the button repeatedly selects FM1, FM2, AM, XM Radio (U.S. models), CD (if a disc is loaded) or a tape (if the optional tape player is installed and a tape is loaded).

If you are listening to the radio, use the CH button to change stations. Each time you press the top (+) of the button, the system goes to the next preset station on the band you are listening to. Press the bottom (-) to go back to the previous station.

If you are playing a CD, the system skips to the beginning of the next track each time you press the top (+) of the CH button. Press the bottom (-) to return to the beginning of the current track. Press it again to return to the previous track. You will see the disc and track numbers in the display.

If you are playing a tape, press the top (+) of the CH button to advance to the next selection. Press the bottom (-) to go back to the previous selection. The system senses a silent period, then goes back to play mode.



#### **Radio Theft Protection**

On EX, EX-L and Touring models
Your vehicle's audio system will
disable itself if it is disconnected
from electrical power for any reason.
To make it work again, you must
enter a specific five-digit code with
the preset buttons. Because there
are hundreds of number
combinations possible from the five
digits, making the system work
without knowing the exact code is
nearly impossible.

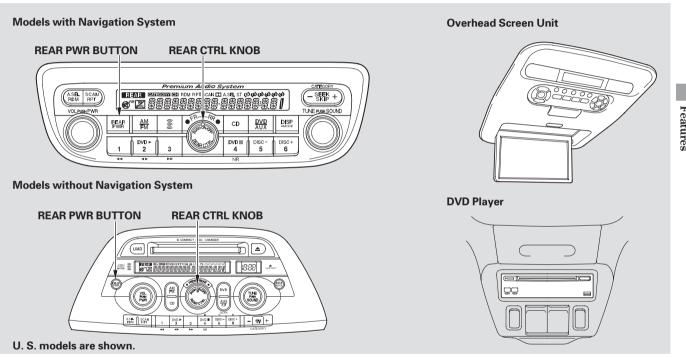
You should have received a card that lists your audio system code number and serial number. It is best to store this card in a safe place at home. In addition, you should write the audio system's serial number in this owner's manual.

If you lose the card, you must obtain the code number from your dealer. To do this, you will need the audio system's serial number.

If your vehicle's battery is disconnected or goes dead, or the radio fuse is removed, the audio system will disable itself. If this happens, you will see CODE in the frequency display the next time you turn on the system. Use the preset buttons to enter the five-digit code. The code is on the radio code card included in your owner's manual kit. When it is entered correctly, the radio will start playing.

If you make a mistake entering the code, do not start over; complete the five-digit sequence, then enter the correct code. You have 10 tries to enter the correct code. If you are unsuccessful in 10 attempts, you must then leave the system on for 1 hour before trying again.





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Available on EX-L and Touring models Your vehicle is equipped with a rear entertainment system that includes a DVD player for the enjoyment of the rear passengers.

With this system, the rear passengers can enjoy a different entertainment source (radio, CD changer, DVD player, or optional tape player) than the front seat occupants. The audio is broadcast through the supplied wireless headphones.

The ignition switch must be in the ACCESSORY (I) or the ON (II) position to operate the rear entertainment system.

#### To Turn On the System

Press the REAR PWR button. To turn on the rear controls (ceiling panel/remote control), press the RR CTRL knob. The system's icon shows in the upper display. Your passengers can then operate the rear system with the control panel in the ceiling. The rear control panel can be used as a remote control when it is detached from the ceiling unit. Press the RR CTRL knob again to turn the rear controls off. You will see the Rear Controls Off icon in the upper display.

The rear system selects the source it was last set to. If that source has been removed (the DVD has been ejected from the player, for example), you will see "DVD EJECT" in the display. You should select another source or insert a DVD.

#### **Rear Speakers**

When you turn on the system, the rear speakers are automatically turned off if the rear system selects a different entertainment source than the front system. You will see the Rear Speakers Off icon in the upper display. The sound for the rear system is sent to the wireless headphones.

If you want to turn the rear speakers on again, press and hold the REAR PWR button until the Rear Speakers Off icon goes off.

**NOTE:** The rear speakers are connected to the front system, so they will always play the source that the front system is set to.





# To Select Rear Entertainment from the Front Control Panel

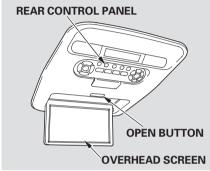
To operate the rear entertainment system from the front panel, turn the RR CTRL knob counterclockwise. The amber RR LED comes on to show that the control panel is enabled.

To play the radio, the buttons for the front entertainment system have the same functions.

If CDs are loaded in the CD changer, select CD. If a CD is loaded in the lower player, select DVD/AUX.

# Operating the DVD Player from the Front Control Panel

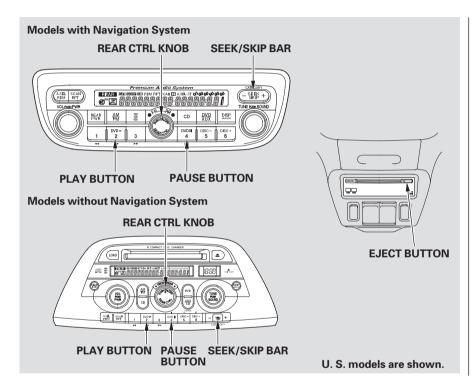
The DVD player in your rear entertainment system can play DVD video discs and CDs.



Open the overhead screen by pushing the OPEN button. The screen will swing down part-way. Pivot the screen the rest of the way. If you pivot the screen too far forward, past the second detent, the display will turn off. Pivot the screen back to the second or first detent to turn the display back on. To close the screen, pivot it up until it latches.

**CONTINUED** 





Turn the Rear CTRL knob clockwise. The amber Rear LED comes on to show that the control panel is now enabled.

Insert a DVD into the DVD/CD player below the front panel.

Push the DVD in halfway, the drive will pull it in the rest of the way.

**PLAY** — Press the PLAY button if the DVD does not start playing automatically.

**PAUSE** — Press the PAUSE button to pause the DVD. Press the button again or press PLAY to resume. Pause works only with the DVD player.



**SEEK/SKIP** — Press and hold the + side to move forward; you will see "CUE" in the display. Press and hold the — side to move backward; you will see "REV" in the display. Release the bar when the system reaches the point you want.

Each time you press and release the + side of the SEEK/SKIP bar, the system skips forward to the beginning of the next track or chapter. Press and release the - side of the bar to skip backward to the beginning of the current track or chapter. Press it again to skip to the beginning of the previous track or chapter.

**EJECT** — Press the eject button to remove the DVD from the drive.

# To Return to Front Audio Controls

To return front panel control to the front audio system, turn the REAR CTRL knob counterclockwise.

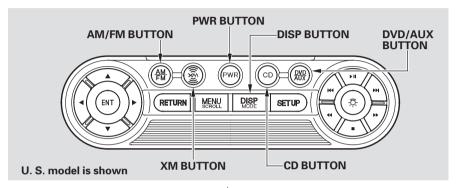
#### **Using the Rear Control Panel**

To turn on the rear entertainment system from the rear control panel, press the PWR button. Use the AM/FM button, XM button (U.S. models), CD button, DVD/AUX button (U.S. models), or AUX button (Canadian models) to select the entertainment source. The selected source will be shown in the display. Make sure the rear control operation has not been disabled with the REAR CTRL knob on the front panel.



# To Play the Radio from the Rear Control Panel

Use the ▲ and ▼ buttons to select a station from the preset buttons. Press the ▲ button to tune the radio to a higher frequency, or press the ▼ button to tune to a lower frequency. Pressing the I◄ or ▶► button causes the system to search up or down the band for a station with a strong signal. You will see SEEK in the display.



On U. S. models

# To Play the XM Radio from the Rear Control Panel

Use the ▲ and ▼ buttons to select a station from the preset buttons.

Press the ▶ button to search up the channels in the channel mode.

The system will search up the channels within the category when the radio is in the category mode.

Press the ◀ button to search down the channels in the channel mode. The system will search down

the channels within the category when the radio is in the category mode.





Press the  $\blacktriangleright \blacktriangleright \blacktriangleright$  or  $\blacktriangleright \blacktriangleleft$  button to select another category.

Pressing and holding the DISP button for more than 5 seconds will change the search mode between Channel Search and Category Search. Each time you press and release the DISP button, the display above the rear control panel changes in the following sequence: Channel Number, Category Name, Music Name, Artist Name, Channel Name, and back to Channel Number.

#### To Play a CD from the Rear Control Panel

If CDs are loaded in the CD changer, select them by pressing the CD button. If a CD is loaded in the DVD player, press the DVD/AUX button. Press the ▶▶I button to skip to the beginning of the next track. Press the ▶▶I button to return to the beginning of the current track.

To move rapidly within a track, press and hold the or button.

The system will continue to move through the track. Press the button to move forward, or the button to move backward.

Release the button when the system reaches the point you want.

If CDs are loaded in the CD changer and the overhead screen is not open, pressing the ▲ or ▼ button changes the discs.

# To Play the Optional Tape Player from the Rear Control Panel

Press the **>>**I button to find the beginning of the current song or passage. Press the **|<** button to find the beginning of the next song or passage.

Press the **II** button to change the tape direction.

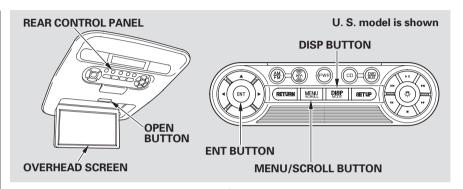




# To Play a DVD from the Rear Control Panel

The video screen is for use by rear seat passengers only. The driver and front seat passenger should not try to view the screen while driving.

Open the overhead screen by pushing the OPEN button. The screen will swing down part-way. Pivot the screen the rest of the way. If you pivot the screen too far forward, past the second detent, the display will turn off. Pivot the screen back to the second or first detent to turn the display back on. To close the screen, pivot it up until it latches.



Press the ►II button when you want to pause the DVD. Press this button again to go back to PLAY.

Press the ►► button to skip to the beginning of the next chapter. Press the ►► button to return to the beginning of the current chapter.

To move rapidly within a chapter, press and hold the ▶ or 
■ button. The system will continue to move through the

chapter. Press the button to move forward, or the button to move backward. Release the button when the system reaches the point you want.

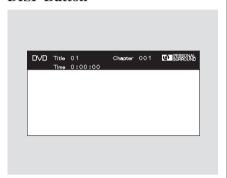
To select the menu on the DVD, press the MENU/SCROLL button (U.S. models) or MENU button (Canadian models). Use the ...

▼ , ▶ , and ◀ buttons to move to the desired menu selection, then press the ENT button to enter your selection.





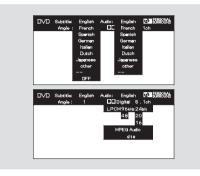
#### **DISP Button**



When you press the DISP button while a DVD is playing, the title, chapter, elapsed time, and personal surround logo are displayed (STATUS 1).



When you press the DISP button again, the subtitle, audio, angle, sound characteristics, and personal surround logo are displayed (STATUS 2).



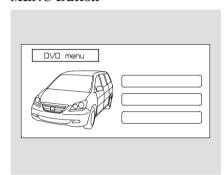
To go back to play, press the DISP button.

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Features

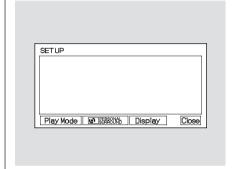


#### **MENU Button**



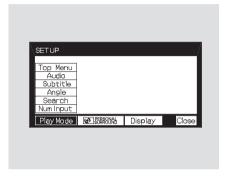
When you press the MENU button while a DVD is playing, the DVD's main menu is displayed. To go back to play, press the RETURN button.

#### **System Messages**



When you press the SETUP button while a DVD is playing, the DVD's setup menu is displayed at the bottom of the screen. You can then change various settings of play mode, personal surround, and display. To go back to play without changing any setting, press the RETURN or SETUP button, or select "Close" by pressing the ▶ or ◀ button, then press the ENT button.

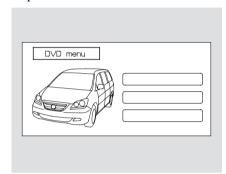
#### Play Mode



When you select "Play Mode" by pressing the ▶ or ◀ button, the play mode setup menu is displayed above the "Play Mode" icon.



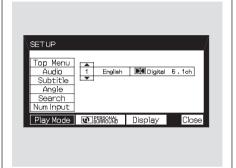
#### Top Menu



When you select "TOP MENU" using the ▼ or ▲ button, the DVD's title menu is displayed. This menu is also displayed when you press the MENU button while a DVD is not playing.

To go back to play, press the return button.

#### Audio



When you select "Audio" from the play mode setup menu by pressing the ▼ or ▲ button, you will see a submenu of the dubbed language.

Select the desired language by pressing the ▼ or ▲ button. The sound characteristics (Dolby Digital, LPCM, MPEG Audio, dts) recorded with the selected language are also displayed next to the language.

The selectable languages vary from DVD to DVD, and this feature may not be available on some DVDs.

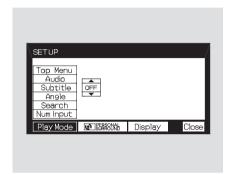
Press the RETURN or ENT button to go back to the play mode setup menu.

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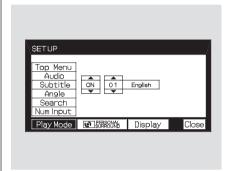
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#### Subtitle

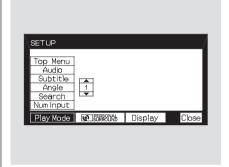


To turn the subtitle on and off, select "Subtitle" from the setup menu by pressing the ▼ or ▲ button. You will see submenu "OFF" or "ON." Select "OFF" or "ON" by pressing the ▼ or ▲ button.



If more than one subtitle language is available, you will see the language currently selected when you select "ON" in the previous step.
Select the desired subtitle language by pressing the ▼ or ▲ button.
Press the RETURN or ENT button to go back to the play mode setup menu.

#### Angle



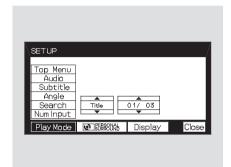
On some DVDs, the scenes are recorded by more than one camera, giving different viewpoints of the same scene. To change the angle, select "Angle" from the setup menu. You will see a submenu if there are different angles available.

Select the number on the submenu by pressing the ▼ or ▲ button.

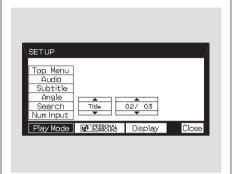
Press the RETURN or ENT button to go back to the play mode setup menu.



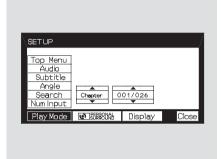
#### Search



When you select "Search" from the play mode setup menu, you will see the submenu shown above. In the left submenu, you can select between "Title" and "Chapter." The right submenu displays the current title or chapter number and the total number of titles or chapters.



To do a title search, select "Title" by pressing the ▼ or ▲ button. Change the number on the right submenu by pressing the ▼ or ▲ button, and press the ENT button to begin the title search. If you press the RETURN button, the display returns to the play mode setup menu without doing the search.

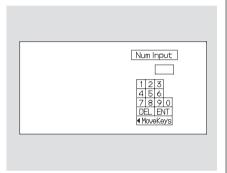


To do a chapter search, select "Chapter" by pressing the ▼ or ▲ button. Change the number on the right submenu by pressing the ▼ or ▲ button, and press the ENT button to begin the chapter search. If you press the RETURN button, the display returns to the play mode setup menu without doing the search.

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#### NumInput

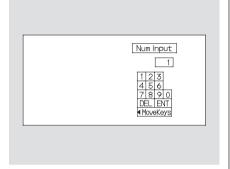


A numerical command can be issued to a DVD by inputting a two digit number, and a button number can be selected on the screen.

Select the "Num Input" from the play mode setup menu. The screen will change as shown above. If you select the "Move Key" using the ▼,

▲ , ▶ , or ◀ button, and press the ENT button, the Num

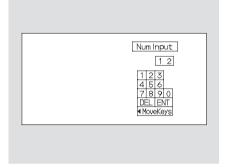
Input display on the screen will



change from the left side to right side or right to left.

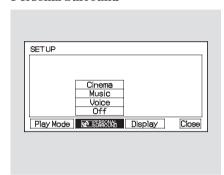
Select the first digit number using

the ▼ , ▲ , ▶ , or ■ button, and enter it by pressing the ENT button. If you want to change the number, select "DEL," and press the ENT button, then select and enter the new number.



Select and enter the second digit number the same way. The cursor will automatically move to the "ENT" icon when you press the ENT button. Press the ENT button to enter the number command. To go back to the DVD screen, press the RETURN button.

#### Personal Surround



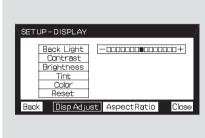
When you select "PERSONAL SURROUND" by pressing the 
▶ or ◀ button, the personal surround setup menu is displayed above the "PERSONAL SURROUND" icon.

Selecting one of the sound effects, Cinema, Music, or Voice, from the personal surround menu allows you to change the sound in your headphones to match the disc you are playing.

Select "Cinema," "Music," or "Voice" by pressing the ▼ or ▲ button, and enter your selection by pressing the ENT button. The "PERSONAL SURROUND" logo is displayed in the upper right corner of the screen.

If you select "Off," the logo disappears, and there will be no special sound effect.

#### **Display**



To adjust the display, select "Display" by pressing the ▶ or

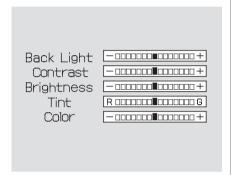
■ button, and enter your selection by pressing the ENT button. The display changes as shown above.

You can adjust these display settings:

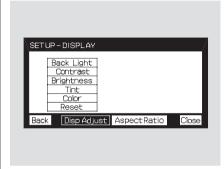
- Back Light
- Contrast
- Brightness
- Tint
- Color

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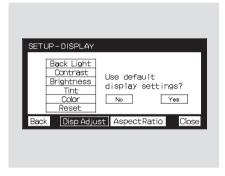




Select the quality you want to adjust by pressing the ▼ or ▲ button, and then pressing the ENT button. The adjustment bar is displayed next to the selected item. Adjust the setting by pressing the ▶ or ◀ button. When you are finished with your adjustment, press the ENT button.



If you want to set the display to the default setting, select "Reset" by pressing the ▼ or ▲ button, and, then pressing the ENT button.

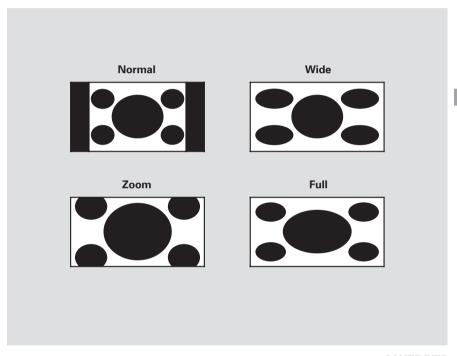


The display changes as shown above.

Select "Yes," and press the ENT button. You will see the message "Default display settings applied" on the display for 5 seconds.

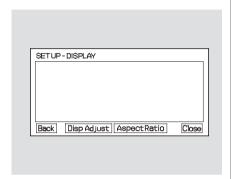
Screen Mode You can set the screen mode to these settings:

- NormalWide
- Zoom Full

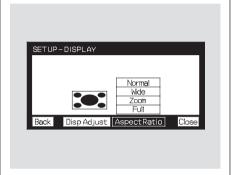


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Select the "Aspect Ratio" by pressing the ▶ or ◀ button, then press the ENT button.



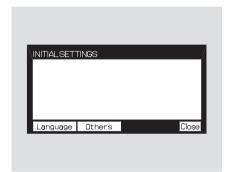
The selectable setting menu is displayed, and the current setting is highlighted in blue.

Select the desired setting by pressing the ▼ or ▲ button, then press the ENT button.

The selected setting will be highlighted in blue for one second, and the screen returns to the play mode in the selected setting.



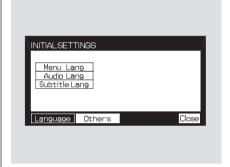
#### INITIAL SETTINGS Menu



When you press the SETUP button on the rear control panel when a DVD is not playing, the "INITIAL SETTINGS" menu is displayed.

There are two selectable menus: "Language" and "Others."

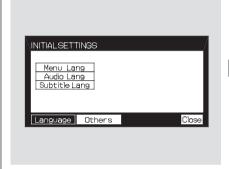
#### INITIAL SETTINGS (Language)



When you select "Language" with the ▶ or ◀ button, the menu shown above appears.

To return to the stop or prestop screen, select "Close" using the 
▶ or ◀ button, and then press the ENT, or the SETUP button.

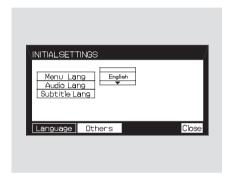
#### Menu Language



To select the language used in the DISC menus, select "Menu Lang" by pressing the ▼ or ▲ button. You will see the submenu next to "Menu Lang."

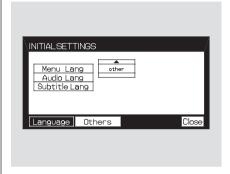
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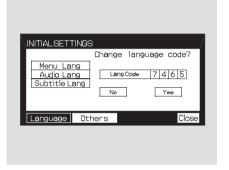


Select the desired language by pressing the ▼ or ▲ button, and then pressing the ENT button.

The selectable languages are, English, French, Spanish, German, Italian, Dutch, and Japanese.

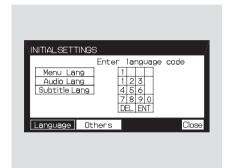


If you want another language than those listed, you need to enter the code number of the desired language. Select "other," and press the ENT button. The display changes as shown in the next column.



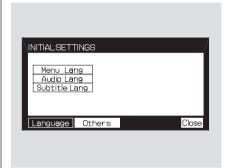
If you select "No," and press the ENT button, the display returns to the initial screen of the "Language" menu.





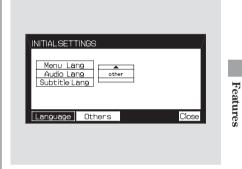
If you select "Yes," the display changes to the language code input mode. Select the first number digit using the  $\nabla$ ,  $\triangle$ ,  $\triangleright$ , or ■ button, and press the ENT four digits are filled. When the

button to enter it. Repeat this until all fourth digit is entered, the cursor automatically moves to "ENT" on the display. Press the ENT button on the control panel to enter the new language code.



If you made a mistake entering a number digit, select "DEL" on the display with the  $\bigvee$ ,  $\blacktriangle$ ,  $\blacktriangleright$ , or  $\blacktriangleleft$  button, and press the ENT button on the control panel. Then select and enter the correct number digit as described. The display returns to the initial "Language" menu screen.

#### Audio Language



You can select the dubbed language before playing DVDs. Select "Audio Lang" by pressing the

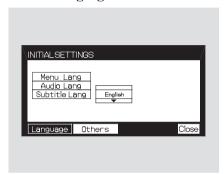
▼ or ▲ button. You will see the submenu next to "Audio Lang."

Follow the same instructions you used to set the menu language.

**CONTINUED** 



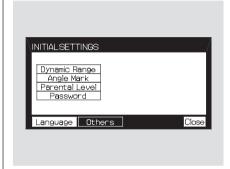
#### Subtitle Language



You can select the subtitle language before playing DVDs.
Select "Subtitle Lang" by pressing the ▼ or ▲ button. You will see the submenu next to the "Subtitle Lang."

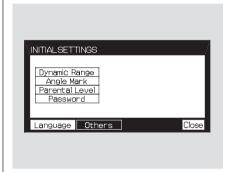
Follow the same instructions you used to set the menu language.

#### INITIAL SETTINGS (Others)



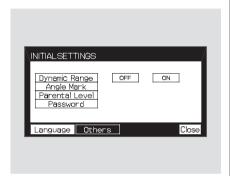
When you select "Others" at the bottom of the "INITIAL SETTINGS" screen, the above menu appears on the screen.

#### Dynamic Range



"Dynamic Range" reduces the differences between the loud and quiet sound levels throughout the disc. When this is on, the louder sounds are lowered, and quieter sounds are increased.

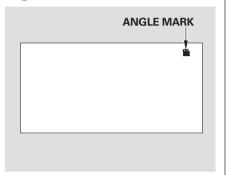




When you select the "Dynamic Range" by pressing the ▼ or ▲ button, you will see the submenu next to the "Dynamic Range" as shown above.

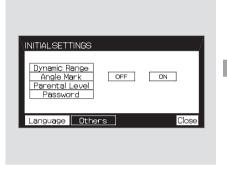
To turn "Dynamic Range" on or off, select "ON" or "OFF" by pressing the ▶ or ◀ button, and then press the ENT button.

Angle Mark



When you switch to another angle while playing a DVD, the angle mark is displayed in the upper right corner of the screen.

You can set the system to display or not display this angle mark.

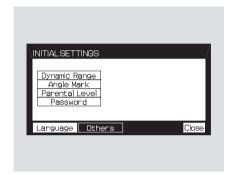


Select "Angle Mark" by pressing the 
▼ or ▲ button. The above submenu appears. If you want the angle mark to be displayed, select "ON" with the 
▶ or ◀ button, and then press the ENT button. The display returns to the "Others" menu.

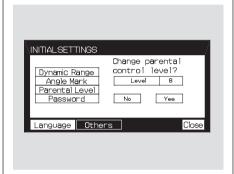
**CONTINUED** 



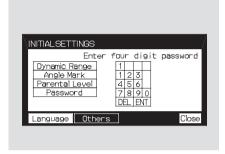
#### Parental Control Level



You can place an auditory restriction by changing the parental control level. The higher the level number, the lower the restriction.



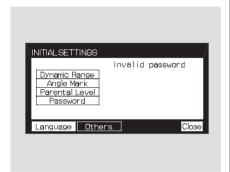
Select "Parental Level" by pressing the ▼ or ▲ button. You will see the submenu shown above. If you select "No," and press the ENT button, the display returns to the "Others" menu.



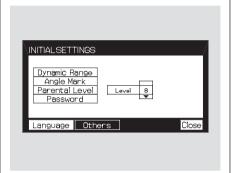
When you select and enter "Yes," the display changes as shown above. To change the level, you need to enter your four digit password. Select the number for the first digit by pressing the ▼ , ▲ , ▶ , or ■ button, and enter it by pressing

■ button, and enter it by pressing the ENT button. Repeat this until all four digits are filled. When you enter the fourth number, the cursor automatically moves to "ENT" on the display. Press the ENT button on the control panel.





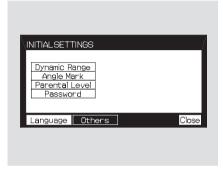
If the system does not recognize the password you entered, you will see the above display. Repeat the parental control level steps until you enter the correct password.



If you enter the password correctly, you can then change the parental control level.

Once you correctly enter the password, press the ▼ or ▲ button to change the level, and then press the ENT button to enter your selection.

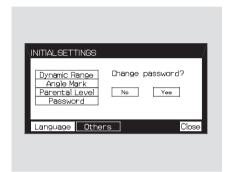
Changing the Password



The password was set to "1111" when the vehicle left the factory.

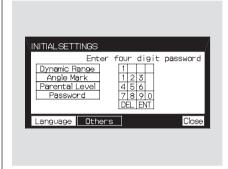
CONTINUED



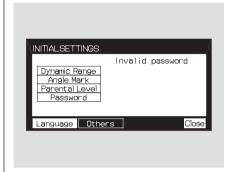


To change the password, select "Password." You will see the above menu displayed. Select "Yes" by pressing the ▶ or ◀ button, then press the ENT button.

If you select "No," and press the ENT button, the display returns to the "Others" menu.



Select the first digit by pressing the  $\blacktriangledown$ ,  $\blacktriangle$ ,  $\blacktriangleright$ , or  $\blacktriangleleft$  button, and enter it by pressing the ENT button. Repeat this until all four digits are entered. When you enter the fourth number, the cursor automatically moves to "ENT" on the display. Press the ENT button on the control panel.



If the system does not recognize the password you entered, you will see the above display. Repeat the password setting steps until you enter the correct password.







If you forget the password, select "Password," and press the ▲ button 10 times.



The display changes as shown above. If you want to use the default password (1111), select "Yes," and press the ENT button.

The message "Default password setting applied" is displayed for 5 seconds.

Feature

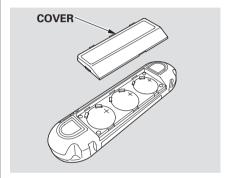


#### Remote Control



The rear control panel can be detached from the ceiling unit and used as a remote control. To remove it from the ceiling unit, press the release button. The control panel will swing down partway. Pivot it down further past the detent until it detaches from the hinge. To reinstall it, reverse the procedure.

# Replacing the Remote Control Batteries



If it takes several pushes on the button to operate the rear entertainment system, have your dealer replace the batteries as soon as possible.

Battery type: BR3032

An improperly disposed of battery can hurt the environment. Always confirm local regulations for battery disposal.



As required by the FCC: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.

#### Playable DVDs



There are various types of DVDs available. Some of them are not compatible with your system.

The DVD player in your rear entertainment system can play DVDs and CDs bearing the above marks on their packages or jackets. Those packages or jackets should also bear the designation of "1" or "ALL". DVD-ROMs cannot be played in this system.

### **Protecting DVDs**

The tips on how to handle and protect DVDs are basically the same as those for compact discs. Refer to "Protecting Your CDs" on page 248.

Feature



DVD Player Error Messages
If you see an error message in the screen while operating the DVD player, find the cause in the chart to the right. If you cannot clear the message, take your vehicle to a dealer.

Message	Solution
ERROR F0	Eject the disc and reinsert it.
ERROR F2	
Invalid region code	Use a disc with the regional designation of "1" or "All".
Invalid disc	The disc is not playable in this unit. Eject the disc, and insert a disc
	compatible with this system.
Parental control active.	Reinsert the disc, and increase the parental control level (see
Change level to view.	pages 280 and 281).



#### Wireless Headphones

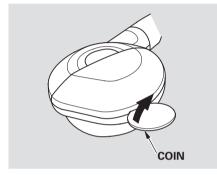


Some state and local government agencies prohibit the use of headphones by the driver of a motor vehicle. Always obey applicable laws and regulations.

The audio for the rear entertainment system is sent to the wireless headphones that come with the system. When using the headphones, make sure you wear them correctly: L (left) and R (right) are marked on the sides of the frame. The antennas are in the front of the earpieces. If you wear the headphones backwards, the antennas will be aimed away from the system, affecting the sound quality and range.

To use the headphones, pivot the earpieces outward. This turns them on. To adjust the volume, turn the dial on the bottom of the right earpiece. When you remove the headphones, the earpieces automatically pivot inward, and the headphones turn off. When not in use, store the headphones in the pocket of either front seat.

#### Replacing Batteries

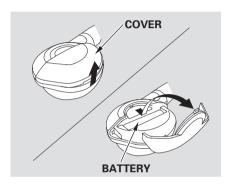


Features

Each headphone uses one AAA battery. The battery is under the cover on the left earpiece. To remove the cover, insert a coin in the slot and twist it slightly to pry the cover away from the earpiece. Pull the cover outward, and pivot it out of the way.

**CONTINUED** 

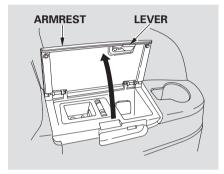




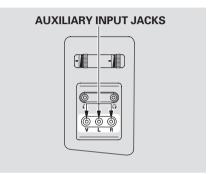
Remove the battery. Install the new battery in the earpiece as shown in the diagram next to the battery slot. Slide the cover back into place on the earpiece, then press down on the back edge to lock it in place.

An improperly disposed of battery can hurt the environment. Always confirm local regulations for battery disposal.

#### **Auxiliary Input Jacks**



Auxiliary input jacks and headphone connectors for the rear entertainment system are under the third seat armrest on the driver's side. To access these connectors, open the cover by pulling up on the lever.



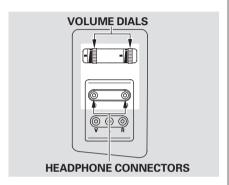
The system will accept auxiliary inputs from standard video games and video equipment. Some video game power supplies may cause poor picture quality.

V = Video jack

L = Left audio jack

R = Right audio jack





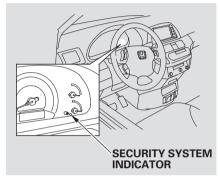
There are two headphone connectors for the third seat passengers. Each connector has its own volume control.



### **Security System**

The security system helps to protect your vehicle and valuables from theft. The horn sounds and a combination of headlights, parking lights, side marker lights, and taillights flashes if someone attempts to break into your vehicle or remove the radio. This alarm continues for 2 minutes, then the system resets. To reset an alarming system before the 2 minutes have elapsed, unlock the driver's door with the key or the remote transmitter.

The security system automatically sets 15 seconds after you lock the doors, hood, and the tailgate. For the system to activate, you must lock the doors and the tailgate from the outside with the key, driver's lock tab, door lock master switch, or remote transmitter. The security system indicator on the instrument panel starts blinking immediately to show you the system is setting itself.



Once the security system is set, opening any door, the tailgate, or the hood without using the key or the remote transmitter, will cause it to alarm. It also alarms if the radio is removed from the dashboard or the wiring is cut.

The alarm will also be activated if a passenger inside the locked vehicle turns the ignition switch on.

The security system will not set if the hood, tailgate, or any door is not fully closed. Before you leave the vehicle, make sure the doors, tailgate, and hood are securely closed.

**NOTE:** To see if the system is set after you exit the vehicle, press the LOCK button on the remote transmitter within 5 seconds. If the system is set, the horn will beep once.

Do not attempt to alter this system or add other devices to it.



**AWARNING** 

Cruise control allows you to maintain

a set speed above 25 mph (40 km/h)

accelerator pedal. It should be used

highways. It is not recommended for

city driving, winding roads, slippery roads, heavy rain, or bad weather.

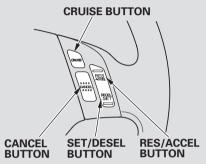
without keeping your foot on the

for cruising on straight, open

Improper use of the cruise control can lead to a crash.

Use the cruise control only when traveling on open highways in good weather.

#### **Using Cruise Control**



- 1. Push the CRUISE button on the steering wheel. The CRUISE MAIN indicator on the instrument panel comes on.
- 2. Accelerate to the desired cruising speed above 25 mph (40 km/h).

3. Press and release the SET/ DECEL button on the steering wheel. The CRUISE CONTROL indicator on the instrument panel comes on to show the system is now activated.

Cruise control may not hold the set speed when you are going up and down hills. If your vehicle speed increases going down a hill, use the brakes to slow down. This will cancel the cruise control. To resume the set speed, press the RES/ACCEL button. The CRUISE CONTROL indicator on the instrument panel will come back on.

When climbing a steep hill, the automatic transmission may downshift to hold the set speed.





### **Cruise Control**

#### Changing the Set Speed

You can increase the set speed in any of these ways:

- Press and hold the RES/ACCEL button. When you reach the desired speed, release the button.
- Push on the accelerator pedal. Accelerate to the desired cruising speed, then press the SET/ DECEL button.
- To increase the speed in very small amounts, tap the RES/ACCEL button. Each time you do this, your vehicle will speed up about 1 mph (1.6 km/h).

You can decrease the set speed in any of these ways:

- Press and hold the SET/DECEL button. Release the button when you reach the desired speed.
- To slow down in very small amounts, tap the SET/DECEL button. Each time you do this, your vehicle will slow down about 1 mph (1.6 km/h).
- Tap the brake pedal lightly with your foot. The CRUISE CONTROL indicator on the instrument panel will go out. When the vehicle slows to the desired speed, press the SET/DECEL button.

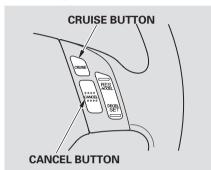
Even with cruise control turned on, you can still use the accelerator pedal to speed up for passing. After completing the pass, take your foot off the accelerator pedal. The vehicle will return to the set speed.

Resting your foot on the brake pedal causes cruise control to cancel.





### **Cancelling Cruise Control**



You can cancel cruise control in any of these ways:

- Tap the brake pedal.
- Push the CANCEL button on the steering wheel.
- Push the CRUISE button on the steering wheel.

The cruise control will be canceled when the vehicle speed reaches about 25 mph (40 km/h) or less.

**Resuming the Set Speed** 

When you push the CANCEL button or tap the brake pedal, the system remembers the previously set speed. To return to that speed, accelerate to above 25 mph (40 km/h), then press and release the RES/ACCEL button. The CRUISE CONTROL indicator comes on. The vehicle accelerates to the same speed as before.

Pressing the CRUISE button turns the system completely off and erases the previous set speed.

Feature



On EX, EX-L and Touring models
The HomeLink® Universal
Transceiver built into your vehicle
can be programmed to operate up to
three remote controlled devices
around your home, such as garage
doors, lighting, or home security
systems.

HomeLink® is a registered trademark of Johnson Controls, Inc.

#### **General Information**

If you are training HomeLink to operate a garage door or gate, you should unplug the motor for that device during training. Repeatedly pressing the remote control button could burn out the motor.

HomeLink stores the code in a permanent memory. There should be no need to retrain HomeLink if your vehicle's battery goes dead or is disconnected. If your garage door opener was manufactured before April 1982, you may not be able to program HomeLink to operate it. They do not have the safety feature that causes the motor to stop and reverse if an obstacle is detected during closing, increasing the risk of injury.

#### **Important Safety Precautions**

Always refer to the opening instructions and safety information that came with your garage door opener or other equipment you intend to operate with HomeLink. If you do not have this information, contact the manufacturer of the equipment.

For quick and accurate training, make sure the remote transmitter for the device (garage door, automatic gate, security system, etc.) has a fresh battery.

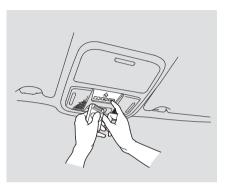
#### **Training HomeLink**

Before you begin — If you just received your vehicle and have not trained any of the buttons in HomeLink before, you should erase any previously learned codes before training the first button.

To do this, press and hold the two outside buttons on the HomeLink Transceiver for about 20 seconds until the red indicator flashes. Release the buttons, then proceed to step 1.

If you are training the second or third buttons, go directly to step 1.





- 1. Unplug the garage door opener motor from the electrical outlet.
- 2. Hold the end of the garage door opener remote transmitter 2 to 5 inches from HomeLink, Make sure you are not blocking your view of the red indicator in HomeLink.

- 3. Press and hold the remote transmitter button and one of the HomeLink buttons at the same time
  - If the red indicator in HomeLink begins to flash slowly at first, then rapidly, release both buttons, and go to step 5.
  - If the red indicator in HomeLink continues to flash slowly (does not flash rapidly), your remote transmitter may stop transmitting after a short time. Go to step 4.
- 4. Press and hold the remote transmitter button and one of the HomeLink buttons at the same time. While continuing to hold the HomeLink button, press and
  - elease the remote trans...

    outton every 2 seconds.

     If the red indicator in HomeLink

    coins to flash slowly at first,

    clease both buttons, and go to step 5.
  - If the red indicator in HomeLink continues to flash slowly (does not begin to flash rapidly), repeat steps 2 thru 4.
- 5. Plug in the garage door opener motor, then test the HomeLink button by pushing it for about 1 second.
  - If the button works, programming is complete.
  - If the button does not work go to step 6.

**CONTINUED** 



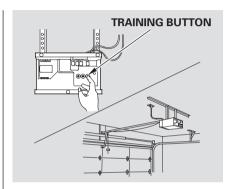
- 6. Push and hold the HomeLink button for a few seconds, then watch the red indicator on HomeLink.
  - If the indicator stays on or flashes slowly, repeat steps 2 thru 5.
  - If the indicator flashes rapidly for 2 seconds then stays on, you have a rolling code transmitter: go to "Training with a Rolling Code System" (see page 296).
- 7. Repeat these steps to train the other two HomeLink buttons to operate any other compatible remotely controlled devices around your home (lighting, automatic gate, security system, etc.).

#### Training With a Rolling Code System

For security purposes, newer garage door opening systems use a "rolling" or variable code. Information from the remote control and the garage door opener are needed before HomeLink can operate the garage door opener.

The "Training HomeLink" procedure trains HomeLink to the proper garage door opener code. The following procedure synchronizes HomeLink to the garage door opener so it sends and receives the correct codes.

- 1. Make sure you have properly completed the "Training HomeLink" procedure.
- 2. Find the "training" button on your garage door opener unit. The location will vary, depending on the manufacturer.



3. Press the training button on the garage door opener unit until the indicator next to the button comes on. The indicator may blink, or come on and stay on. You then have approximately 30 seconds to complete the following steps.





- 4. Press and hold the button on HomeLink for 3 to 4 seconds.
- 5. Press and hold the HomeLink button again for 3 to 4 seconds. This should turn off the training indicator on the garage door opener unit. (Some systems may require you to press the button up to three times.)
- 6. Press the HomeLink button again for about 1 second. It should operate the garage door.

#### **Erasing Codes**

To erase the codes stored in all three buttons, press and hold the two outside buttons until the red indicator begins to flash, then release the buttons.

You should erase all three codes before selling the vehicle.

#### **Retraining a Button**

If you want to retrain a programmed button for a new device, you do not have to erase all button memory. You can replace the existing memory code using this procedure:

- 1. Press and hold the HomeLink button to be trained until the HomeLink indicator begins to flash slowly.
  - If a rolling code transmitter was previously programmed, the indicator will flash rapidly for 2 seconds, and then stay on for about 23 seconds.

- If a standard transmitter was programmed, the indicator will stay on for about 25 seconds.
- 2. Once the HomeLink indicator begins to flash slowly, continue to hold the HomeLink button, and follow steps 3 thru 6 under "Training HomeLink" (see page 295).





#### **Customer Assistance**

If you have problems with training the HomeLink Universal Transceiver, or would like information on home products that can be operated by HomeLink, call (800) 355-3515. On the Internet, go to www.homelink.com.

As required by the FCC:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

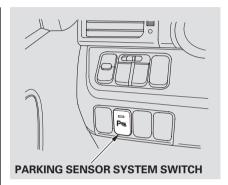
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.



#### On Touring models

Your vehicle has a parking sensor system. The system lets you know the approximate distance between your vehicle and most obstacles while you are parking. When the system is on and your vehicle is nearing an obstacle, you will hear a beeper and see system messages on the multi-information display.



To activate the system, push the switch on the dashboard with the ignition in the ON (II) position. The indicator in the switch comes on when the system is on. To turn the system off, push the switch again.

All obstacles may not always be sensed. Even when the system is on, you should look for obstacles near your vehicle to make sure it is safe to park.

The system has two front corner sensors, two rear corner sensors, and a rear center sensor.

The rear center sensor works only when the shift lever is in reverse (R), and the vehicle speed is less than 5 mph (8 km/h).

The corner sensors work only when the shift lever is in any position other than P and the vehicle speed is less than 5 mph (8 km/h).

Feature



### Multi-Information Display Messages and Beeper Operation



When you turn the system on, all indicators will appear on the multi-information display, and a beeper sounds once.

When the system senses an obstacle, the appropriate indicator comes on, and a beeper sounds as shown in the following tables.

#### Corner Sensor Operation

Example shown: Obstacle is at the left front of the vehicle

	About 16-20 in (40-50 cm)	About 12-16 in (30-40 cm)	About 12 in (30 cm) or less
Distance			
Indicator	Upper left indicator stays on	Upper left indicator stays on	Upper left indicator stays on
Beeper	Short beeps	Very short beeps	Continuous beep



### Rear Center Sensor Operation

Distance	About 40-70 in (1-1.8 m)	About 24-40 in (0.6-1 m)	About 24 in (0.6 m) or less
Indicator	Bottom indicator stays on	Bottom indicator stays on	Bottom indicator stays on
Beeper	Short beeps	Very short beeps	Continuous beeps

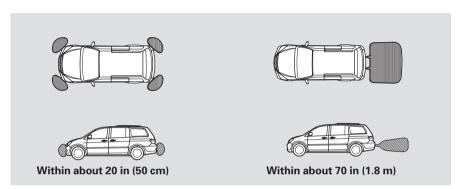


Features

If the system develops a problem, you will see a "CHECK PARKING SENSOR SYSTEM" message on the multi-information display, and a beeper sounds continuously. Very often, a sensor covered with mud, ice, snow, etc. is the cause of this message. Check the sensors first. If the message stays on or the beeper does not stop, have the system checked by your dealer.

**CONTINUED** 





The range of the corner sensors and the rear center sensor are limited. Each corner sensor is capable of sensing an obstacle only when your vehicle is 20 in (50 cm) or closer. The rear center sensor senses an obstacle that is behind your vehicle 70 in (1.8 m) or closer.

Do not put any accessories on or around the sensors.

The system may not function properly under these conditions:

- The sensors are covered with snow, ice, mud, etc.
- When the vehicle is on a rough road, on grass, or on a hill.
- After the vehicle has been sitting out in hot or cold weather.

- When the system is affected by some electrical equipment or devices generating an ultrasonic wave
- When operating the vehicle in bad weather.

The system may not sense thin or low objects, or sonic-absorptive materials such as snow, cotton, or sponge.

The system cannot sense objects directly under the bumper.

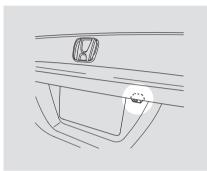
#### Canadian Owners:

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.



### **Rearview Camera and Monitor**

On EX-L with navigation system and Touring models



Whenever you shift to reverse (R) with the ignition switch in the ON (II) position, the rear view is shown on the navigation system screen.

For the best picture, always keep the rearview camera clean, and do not cover the camera lens. To avoid scratching the lens when you clean it, use a moist, soft cloth.

When in reverse, the touch screen and navigation system "hard" buttons are locked out, except the "ZOOM" button. Touching the "▼" or "▲" button allows you to adjust the brightness of the rearview camera image.

#### NOTICE

The camera brightness cannot be adjusted by voice control.

Since the rearview camera display area is limited, you should always back up slowly and carefully, and look behind you for obstacles. Feature





## **Before Driving**

Before you begin driving your vehicle, you should know what gasoline to use and how to check the levels of important fluids. You also need to know how to properly store luggage or packages. The information in this section will help you. If you plan to add any accessories to your vehicle, please read the information in this section first.

Break-in period	306
Fuel Recommendation	306
Service Station Procedures	307
Refueling	307
Opening and Closing the	
Hood	. 308
Oil Check	
Engine Coolant Check	. 310
Fuel Economy	31
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### Break-in Period, Fuel Recommendation

#### **Break-in Period**

Help assure your vehicle's future reliability and performance by paying extra attention to how you drive during the first 600 miles (1,000 km). During this period:

- Avoid full-throttle starts and rapid acceleration.
- Avoid hard braking for the first 200 miles (300 km).
- Do not change the oil until the scheduled maintenance time.
- Do not tow a trailer.

You should also follow these recommendations with an overhauled or exchanged engine, or when the brakes are replaced.

#### **Fuel Recommendation**

Your vehicle is designed to operate on unleaded gasoline with a pump octane number of 87 or higher. Use of a lower octane gasoline can cause a persistent, heavy, metallic rapping noise that can lead to engine damage.

We recommend using quality gasolines containing detergent additives that help prevent fuel system and engine deposits.

In addition, in order to maintain good performance, fuel economy, and emissions control, we strongly recommend, in areas where it is available, the use of gasoline that does NOT contain manganese-based fuel additives such as MMT.

Use of gasoline with these additives may adversely affect performance, and cause the Malfunction Indicator Lamp on your instrument panel to come on. If this happens, contact your dealer for service.

Some gasoline today is blended with oxygenates such as ethanol or MTBE. Your vehicle is designed to operate on oxygenated gasoline containing up to 10 % ethanol by volume and up to 15 % MTBE by volume. Do not use gasoline containing methanol.

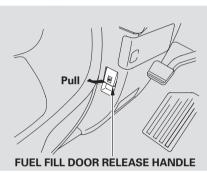
If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

For further important fuel-related information, please refer to your **Quick Start Guide**.



### **Service Station Procedures**

### Refueling



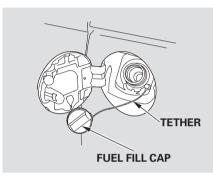
- 1. Park with the driver's side closest to the service station pump.
- 2. Open the fuel fill door by pulling on the handle under the lower left corner of the dashboard.

Before refueling, make sure the rear sliding door on the driver's side is closed.

### **AWARNING**

Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine, and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.



3. Remove the fuel fill cap slowly. You may hear a hissing sound as pressure inside the tank escapes. The fuel fill cap is attached to the fuel filler with a tether. Insert the attachment on the fuel fill cap into the slit on the fuel fill door.

CONTINUED





### **Service Station Procedures**

4. Stop filling the tank after the fuel nozzle automatically clicks off. Do not try to "top off" the tank. Leave some room for the fuel to expand with temperature changes.

If the fuel nozzle keeps clicking off even though the tank is not full, there may be a problem with your vehicle's fuel vapor recovery system. The system helps keep fuel vapor from going into the atmosphere. Try filling at another pump. If this does not fix the problem, consult your dealer.

5. Screw the fuel fill cap back on until it clicks at least once.

On LX, EX and EX-L models
If you do not properly tighten the cap, you will see a "CHECK FUEL CAP" message on the information display (see page 80).

On Touring models
If you do not properly tighten the cap, you will see a "TIGHTEN FUEL CAP" message on the multiinformation display (see page 92 ).

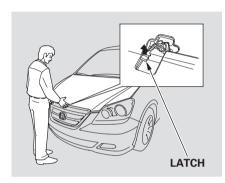
6. Push the fuel fill door closed until it latches.

#### **Opening and Closing the Hood**



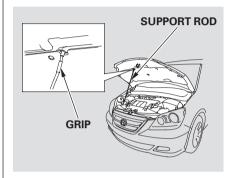
1. Park the vehicle, and set the parking brake. Pull the hood release handle located under the lower left corner of the dashboard. The hood will pop up slightly.





2. Put your fingers under the front edge of the hood. The hood latch handle is above the "H" logo. Pull this handle until it releases the hood, then lift the hood.

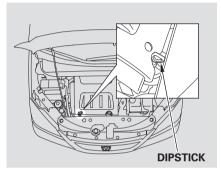
If the hood latch handle moves stiffly, or you can open the hood without lifting the handle, the mechanism should be cleaned and lubricated.



3. Holding the grip, pull the support rod out of its clip. Insert the end into the designated hole in the hood.

To close the hood, lift it up slightly to remove the support rod from the hole. Put the support rod back into its holding clip. Lower the hood to about a foot (30 cm) above the fender, then let it drop. Make sure it is securely latched.

#### Oil Check



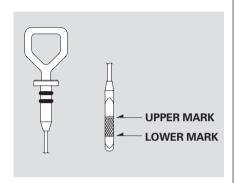
Park the vehicle on a level surface. Wait a few minutes after turning the engine off before you check the oil.

- 1. Remove the dipstick (orange loop).
- 2. Wipe off the dipstick with a clean cloth or paper towel.
- 3. Insert the dipstick all the way back into its hole.

CONTINUED



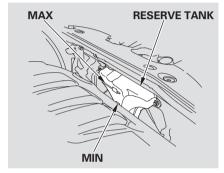
### **Service Station Procedures**



4. Remove the dipstick again, and check the level. It should be between the upper and lower marks.

If it is near or below the lower mark, see **Adding Engine Oil** on page 360 .

### **Engine Coolant Check**



Look at the coolant level in the radiator reserve tank. Make sure it is between the MAX and MIN lines. If it is below the MIN line, see **Adding Engine Coolant** on page 364 for information on adding the proper coolant.

Refer to **Owner's Maintenance Checks** on page 355 for information about checking other items on your vehicle.



### **Improving Fuel Economy**

• Always maintain your vehicle according to the maintenance messages. See **Owner's Maintenance Checks** (page 355).

For example, an underinflated tire causes more "rolling resistance," which uses more fuel.

The build-up of snow or mud on your vehicle's underside adds weight and rolling resistance. Frequent cleaning helps your fuel mileage and reduces the chance of corrosion.

- Drive moderately. Rapid acceleration, abrupt cornering, and hard braking use more fuel.
- Always drive in the highest gear possible.
- Try to maintain a constant speed. Every time you slow down and speed up, your vehicle uses extra fuel. Use cruise control when appropriate.

- Combine several short trips into one.
- The air conditioning puts an extra load on the engine which makes it use more fuel. Use the fresh-air ventilation when possible.

**Before Driving** 



### **Accessories and Modifications**

Modifying your vehicle, or installing some non-Honda accessories, can make it unsafe. Before you make any modifications or add any accessories, be sure to read the following information.

#### Accessories

Your dealer has Honda accessories that allow you to personalize your vehicle. These accessories have been designed and approved for your vehicle, and are covered by warranty.

Although non-Honda accessories may fit on your vehicle, they may not meet factory specifications, and could adversely affect your vehicle's handling and stability.

#### **AWARNING**

Improper accessories or modifications can affect your vehicle's handling, stability, and performance, and cause a crash in which you can be hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

When properly installed, cellular phones, alarms, two-way radios, and low-powered audio systems should not interfere with your vehicle's computer controlled systems, such as your airbags and anti-lock brakes.

Before installing any accessory:

- Make sure the accessory does not obscure any lights, or interfere with proper vehicle operation or performance.
- Be sure electronic accessories do not overload electrical circuits (see page 413) or interfere with the proper operation of your vehicle.
- Before installing any electronic accessory, have the installer contact your dealer for assistance. If possible, have your dealer inspect the final installation.
- Do not install accessories on the side pillars or across the rear windows. In these areas, accessories may interfere with proper operation of the side curtain airbags.



### **Accessories and Modifications**

**Modifying Your Vehicle** Removing parts from your vehicle, or replacing components with non-Honda components could seriously affect your vehicle's handling, stability, and reliability.

Here are some examples:

• Lowering the vehicle with a non-Honda suspension kit that significantly reduces ground clearance can allow the undercarriage to hit speed bumps or other raised objects, which could cause the airbags to deploy.

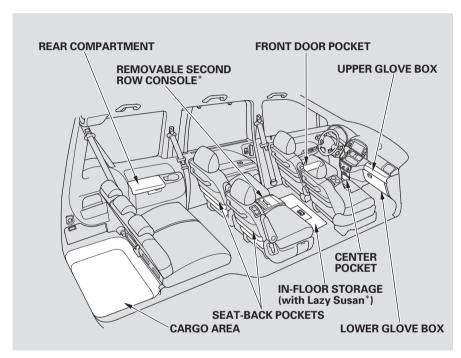
- Raising your vehicle with a non-Honda suspension kit can affect the handling and stability.
- Non-Honda wheels, because they are a universal design, can cause excessive stress on suspension components and will not be compatible with the tire pressure monitoring system.
- Larger or smaller wheels and tires can interfere with the operation of vour vehicle's anti-lock brakes and other systems.
- Modifying your steering wheel or any other part of your vehicle's safety systems could make the systems ineffective.

See Additional Safety Precautions on page 37.

If you plan to modify your vehicle, consult your dealer.



### **Carrying Cargo**



\* : Touring models only

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Your vehicle has several convenient storage areas:

- Glove box (upper and lower)
- In-floor storage (with Lazy Susan\*)
- Front door and seat-back pockets
- Rear cargo area, including the second row seats when removed, and the third row seat when folded flat
- Removable second row console\*
- Center pocket
- Rear compartment
- Roof-rack (if installed)

However, carrying too much cargo, or improperly storing it, can affect your vehicle's handling, stability, stopping distance, and tires, and make it unsafe. Before carrying any type of cargo, be sure to read the following pages.

#### **Load Limits**

The maximum load for your vehicle is:

LX model: 1,349 lbs (612 kg) EX model: 1,388 lbs (630 kg) EX-L model: 1,322 lbs (600 kg) Touring models: 1,208 lbs (548 kg)

This figure includes, cargo, accessories, and the tongue weight if you are towing a trailer.

Steps for Determining Correct Load Limit:

1. Locate the statement, "the combined weight of occupants and cargo should never exceed 1,208 lbs" on your vehicle's placard (The placard is on the driver's doorjamb. The 1,208 lbs limit is for Touring models).

- 2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- 3. Subtract the combined weight of the driver and passengers from 1.208 lbs.
- 4. The resulting figure equals the available amount of cargo and luggage load capacity.

For example, if the maximum load is 1,208 lbs, and there will be five 150 lbs passengers in your vehicle, the amount of available cargo and luggage load capacity is 458 lbs  $[1,208-750 \ (5\times150)=458 \ lbs]$ .

- 5. Determine the combined weight of luggage and cargo being loaded in the vehicle. The weight may not safely exceed the available cargo and luggage load capacity calculated in step 4 (458 lbs in this example).
- 6. If your vehicle will be towing a trailer, the load from your trailer will be transferred to your vehicle. To determine how this reduces the available cargo and luggage load capacity of your vehicle, see page 338.

efore Driving

**CONTINUED** 



### **Carrying Cargo**

In addition, the total weight of the vehicle, all occupants, accessories, cargo, and trailer tongue load must not exceed the gross vehicle weight rating (GVWR) or the gross axle weight rating (GAWR). Both are on a label on the driver's doorjamb.

#### **AWARNING**

Overloading or improper loading can affect handling and stability and cause a crash in which you can be hurt or killed.

Follow all load limits and other loading guidelines in this manual.

## Carrying Items in the Passenger Compartment

- Store or secure all items that could be thrown around and hurt someone during a crash.
- Be sure items placed on the floor behind the front seats cannot roll under the seats and interfere with the pedals, the seat operation, or the proper operation of the sensors under the seats.
- Keep the glove boxes closed while driving. If either are open, a passenger could be injured during a crash or sudden stop.

If you remove or fold the rear seats down, tie down items that could be thrown about the vehicle during a crash or sudden stop. Also, keep all cargo below the bottom of the windows. If it is higher than the windows, it could interfere with the proper operation of the side curtain airbags.



## Carrying Cargo in the Cargo Area or on a Roof Rack

- Distribute cargo evenly on the floor of the cargo area, placing the heaviest items on the bottom and as far forward as possible. Tie down items that could be thrown about the vehicle during a crash or sudden stop.
- If you carry large items that prevent you from closing the tailgate, exhaust gas can enter the passenger area. To avoid the possibility of **carbon monoxide poisoning**, follow the instructions on page 60.
- If you place items near the rear windows, be sure they are below the bottom of the windows. If cargo is higher, it could interfere with proper operation of the side curtain airbags.
- If you carry any items on a roof rack, be sure the total weight of the rack and the items does not exceed 150 lb (68 kg).

If you use an accessory roof rack, the roof rack weight limit may be lower. Refer to the information that came with your roof rack.

### **Grocery Bag Hooks**



The grocery bag hooks on the back of the third row seats are designed to hold plastic grocery bags containing lightweight items. Heavy objects may damage the hooks. **Before Driving** 





# **Driving**

This section gives you tips on starting the engine under various conditions, and how to operate the automatic transmission. It also includes important information on parking your vehicle, the braking system, the vehicle stability assist system, the tire pressure monitoring system, and facts you need if you are planning to tow a trailer.

Preparing to Drive	. 32
Starting the Engine	
Automatic Transmission	
Parking	. 32
Braking System	. 32
Anti-lock Brakes (ABS)	. 32
Vehicle Stability Assist (VSA)	
System	. 33
Tire Pressure Monitoring System	1
(TPMS)	. 33
Towing a Trailer	. 33

Driving



# **Preparing to Drive**

You should do the following checks and adjustments before you drive your vehicle.

- Make sure all windows, mirrors, and outside lights are clean and unobstructed. Remove frost, snow, or ice.
- 2. Check that the hood is fully closed.
- 3. Visually check the tires. If a tire looks low, use a gauge to check its pressure (see page 382).
- 4. Check that any items you may be carrying are stored properly or fastened down securely.

- 5. Check the seat adjustment (see page 172).
- 6. Check the adjustment of the inside and outside mirrors (see page 191).
- 7. Check the steering wheel adjustment (see page 144).
- 8. Make sure the doors and the tailgate are securely closed and locked.

- 9. Fasten your seat belt. Check that your passengers have fastened their seat belts (see page 15).
- 10. When you start the engine, check the gauges and indicators in the instrument panel, and the messages in the information display or multi-information display (depending on models) (see pages 65, 66, 77, and 87).



- 1. Apply the parking brake.
- 2. In cold weather, turn off all electrical accessories to reduce the drain on the battery.
- 3. Make sure the shift lever is in Park. Press on the brake pedal.
- 4. Without touching the accelerator pedal, turn the ignition key to the START (III) position. Do not hold the key in the START (III) position for more than 15 seconds at a time. If the engine does not start right away, pause for at least 10 seconds before trying again.

## NOTICE

The immobilizer system protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine's fuel system is disabled. See Immobilizer System on page 146.

5. If the engine does not start within 15 seconds, or starts but stalls right away, repeat step 4 with the accelerator pedal pressed halfway down. If the engine starts, release pressure on the accelerator pedal so the engine does not race.

6. If the engine fails to start, press the accelerator pedal all the way down, and hold it there while starting to clear flooding. If the engine still does not start, return to step 5.

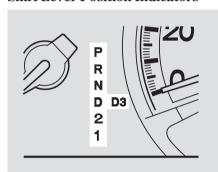
### NOTICE

The engine is harder to start in cold weather. Also, the thinner air found at altitudes above 8,000 feet (2,400 meters) adds to this problem.

Driving



### **Shift Lever Position Indicators**



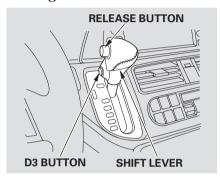
These indicators on the instrument panel show which position the shift lever is in.

The "D" indicator comes on for a few seconds when you turn the ignition switch to the ON (II) position. If it flashes while driving (in any shift position), it indicates a possible problem in the transmission.

If the malfunction indicator lamp comes on along with the "D" indicator, there is a problem in the automatic transmission control system. Avoid rapid acceleration, and have the transmission checked by your dealer as soon as possible.

On Touring models
When the "D" indicator warns of a possible problem with the transmission, you will see a "CHECK TRANSMISSION" message on the multi-information display (see page 89).

## **Shifting**



To shift from any position, press firmly on the brake pedal and press the release button on the side of the shift lever. You cannot shift out of Park when the ignition switch is in the LOCK (0) or ACCESSORY (I) position.



To shift from:	Do this:
P to R	Press the brake pedal, and
	press the release button.
R to P	
N to R	Press the release button.
D <sub>3</sub> to 2	
2 to 1	
1 to 2	
2 to D	
D to N	Move the lever.
N to D	
R to N	
D3 to D	Press the D <sub>3</sub> button.
D to D <sub>3</sub>	

Park (P) — This position mechanically locks the transmission. Use Park whenever you are turning off or starting the engine. To shift out of Park, you must press on the brake pedal and have your foot off the accelerator pedal. Press the release button on the side of the shift lever to move it.

If you have done all of the above and still cannot move the lever out of Park, see **Shift Lock Release** on page 325.

To avoid transmission damage, come to a complete stop before shifting into Park. You must also press the release button to shift into Park. The shift lever must be in Park before you can remove the key from the ignition switch.

Reverse (R) — Press the brake pedal and press the release button on the side of the shift lever to shift from Park to reverse. To shift from reverse to neutral, come to a complete stop and then shift. Press the release button before shifting into reverse from neutral.

Neutral (N) — Use neutral if you need to restart a stalled engine, or if it is necessary to stop briefly with the engine idling. Shift to the Park position if you need to leave your vehicle for any reason. Press on the brake pedal when you are moving the shift lever from neutral to another gear.

**CONTINUED** 



**Drive (D)** — Use this position for normal driving. The transmission automatically selects a suitable gear for your speed and acceleration.

**Drive (D3)** — To use D3, press the D3 button when the shift lever is in the "D" position. This position is similar to D, except only the first three gears are selected instead of all five. Use D3 when towing a trailer in hilly terrain, or to provide engine braking when going down a steep hill. D3 can also keep the transmission from cycling between third and fourth gears in stop-and-go driving.

**Second (2)** — This position locks the transmission in second gear. It does not downshift to first gear when you come to a stop.

Use second gear:

- For more power when climbing.
- To increase engine braking when going down steep hills.
- For starting out on a slippery surface or in deep snow.
- When driving downhill with a trailer.

**First (1)** — To shift from second to first, press the release button on the side of the shift lever. This position locks the transmission in first gear. By upshifting and downshifting through 1, 2, D3, and D, you can operate the transmission much like a manual transmission without a clutch pedal.

**Engine Speed Limiter** 

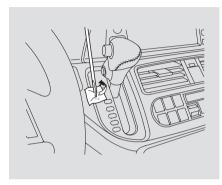
If you exceed the maximum speed for the gear you are in, the engine speed will enter into the tachometer's red zone. If this occurs, you may feel the engine cut in and out. This is caused by a limiter in the engine's computer controls. The engine will run normally when you reduce the rpm below the red zone.



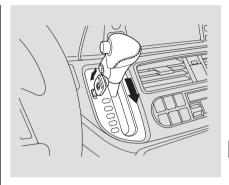
### Shift Lock Release

This allows you to move the shift lever out of Park if the normal method of pushing on the brake pedal and pressing the release button does not work.

- 1. Set the parking brake.
- 2. Remove the key from the ignition switch.
- 3. Put a cloth on the notch of the shift lock release slot cover. Using a small flat-tipped screwdriver or a metal fingernail file, carefully pry on the notch of the cover to remove it.



- 4. Insert the key in the shift lock release slot.
- 5. Push down on the key while you press the release button on the shift lever and move the shift lever out of Park to neutral.



6. Remove the key from the shift lock release slot, then reinstall the cover. Make sure the notch on the cover is on the left side. Press the brake pedal, and restart the engine.

If you need to use the shift lock release, it means your vehicle is developing a problem. Have it checked by your dealer.





# **Parking**

Always use the parking brake when you park your vehicle. Make sure the parking brake is set firmly, or your vehicle may roll if it is parked on an incline.

Set the parking brake before you put the transmission in Park. This keeps the vehicle from moving and putting pressure on the parking mechanism in the transmission.

### **Parking Tips**

- Make sure the moonroof and the windows are closed.
- Turn off the lights.
- Place any packages, valuables, etc. in the cargo area or take them with you.
- Lock the doors and the tailgate.
- Check the indicator on the instrument panel to verify that the security system is set.
- Never park over dry leaves, tall grass, or other flammable materials. The hot three way catalytic converter could cause these materials to catch on fire.

- If the vehicle is facing uphill, turn the front wheels away from the curb.
- If the vehicle is facing downhill, turn the front wheels toward the curb.
- Make sure the parking brake is fully released before driving away. Driving with the parking brake partially set can overheat or damage the rear brakes.



Your vehicle is equipped with disc brakes at all four wheels. A power assist helps reduce the effort needed on the brake pedal. The anti-lock brake system (ABS) helps you retain steering control when braking very hard.

Resting your foot on the brake pedal applies the brakes slightly. This builds up heat, and reduces brake effectiveness and brake pad life. In addition, fuel economy can be reduced. It also keeps your brake lights on all the time, confusing drivers behind you.

Constant application of the brakes when going down a long hill builds up heat and reduces their effectiveness. Use the engine to assist the brakes by taking your foot off the accelerator and downshifting to a lower gear.

Check your brakes after driving through deep water. Apply the brakes moderately to see if they feel normal. If not, apply them gently and frequently until they do. Be extra cautious and alert in your driving.

### **Braking System Design**

The hydraulic system that operates the brakes has two separate circuits. Each circuit works diagonally across the vehicle (the left-front brake is connected with the right-rear brake, etc.). If one circuit should develop a problem, you will still have braking at two wheels.

#### **Brake Wear Indicators**

All four brakes have audible brake wear indicators.

If the brake pads need replacing, you will hear a distinctive, metallic screeching sound when you apply the brake pedal. If you do not have the brake pads replaced, they will screech all the time. It is normal for the brakes to occasionally squeal or squeak when you apply them.

Driving

# **Anti-lock Brakes (ABS)**

The anti-lock brake system (ABS) helps prevent the wheels from locking up, and helps you retain steering control by pumping the brakes rapidly, much faster than a person can do it.

The electronic brake distribution (EBD) system, which is part of the ABS, also balances the front-to-rear braking distribution according to vehicle loading.

You should never pump the brake pedal. Let the ABS work for you by always keeping firm, steady pressure on the brake pedal. This is sometimes referred to as "stomp and steer."

You will feel a pulsation in the brake pedal when the ABS activates, and you may hear some noise. This is normal: it is the ABS rapidly pumping the brakes. On dry pavement, you will need to press on the brake pedal very hard before the ABS activates. However, you may feel the ABS activate immediately if you are trying to stop on snow or ice.



### **ABS Indicator**

If this indicator comes on, the antilock function of the braking system has shut down. The brakes still work like a conventional system, but without anti-lock. You should have your dealer inspect your vehicle as soon as possible.

On Touring models You will also see a "CHECK ABS SYSTEM" message on the multiinformation display (see page 89).



If the ABS indicator and the brake system indicator come on together, and the parking brake is fully released, the EBD system may also be shut down.

On Touring models
If this happens, you will also see
"CHECK ABS SYSTEM" and
"CHECK BRAKE SYSTEM"
messages on the multi-information
display.

Test your brakes as instructed on page 411. If the brakes feel normal, drive slowly and have your vehicle repaired by your dealer as soon as possible. Avoid sudden hard braking which could cause the rear wheels to lock up and possibly lead to a loss of control.

The VSA indicator will come on along with the ABS indicator.

Important Safety Reminders ABS does not reduce the time or distance it takes to stop the vehicle. It only helps with the steering control during braking.

ABS will not prevent a skid that results from changing direction abruptly, such as trying to take a corner too fast or making a sudden lane change. Always drive at a safe speed for the road and weather conditions.

ABS cannot prevent a loss of stability. Always steer moderately when you are braking hard. Severe or sharp steering wheel movement can still cause your vehicle to veer into oncoming traffic or off the road.

A vehicle with ABS may require a longer distance to stop on loose or uneven surfaces, such as gravel or snow, than a vehicle without antilock.

Driving



# Vehicle Stability Assist (VSA) System

The vehicle stability assist (VSA) system helps to stabilize the vehicle during cornering if the vehicle turns more or less than desired. It also assists you in maintaining traction while accelerating on loose or slippery road surfaces. It does this by regulating the engine's output, and by selectively applying the brakes.

When VSA activates, you may notice that the engine does not respond to the accelerator in the same way it does at other times. You will also see the VSA activation indicator blink.

The VSA system cannot enhance the vehicle's driving stability in all situations and does not control your vehicle's entire braking system. It is still your responsibility to drive and corner at reasonable speeds and to leave a sufficient margin of safety.



## **VSA Activation Indicator**

When VSA activates, you will see the VSA activation indicator blink (see page 70 ).

# VSA

## **VSA System Indicator**

If the VSA system indicator comes on while driving, pull to the side of the road when it is safe, and turn off the engine. Reset the system by restarting the engine. If the VSA system indicator stays, or comes back on while driving, have the VSA system inspected by your dealer.

If the indicator does not come on when the ignition switch is turned to the ON (II) position, there may be a problem with the VSA system. Have your dealer inspect your vehicle as soon as possible.

On Touring models only You will also see a "CHECK VSA SYSTEM" message on the multiinformation display if there is a problem with the VSA system.

Without VSA, your vehicle still has normal braking and cornering ability, but it does not have VSA traction and stability enhancement.

If the low tire pressure indicator comes on (see page 71), or the multi-information display shows a "CHECK TPMS SYSTEM" message (see page 88), the VSA system automatically turns on even if you turn it off with the VSA OFF switch.

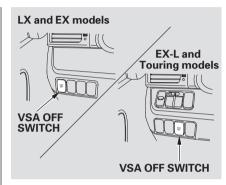


# Vehicle Stability Assist (VSA) System

### **VSA Off Switch**

In certain unusual conditions when your vehicle gets stuck in shallow mud or fresh snow, it may be easier to free it with the VSA temporarily switched off. When the VSA system is off, the traction control system is also off. You should only attempt to free your vehicle with the VSA off if you are not able to free it when the VSA is on.

Immediately after freeing your vehicle, be sure to switch the VSA on again. We do not recommend driving your vehicle with the VSA and traction control systems switched off.



This switch is under the left vent. Press it to turn the VSA system on and off.

When VSA is off, the VSA activation indicator comes on as a reminder.

VSA is turned on every time you start the engine, even if you turned it off the last time you drove the vehicle.

### **VSA and Tire Sizes**

Driving with varying tire or wheel sizes may cause the VSA to malfunction. When replacing tires, make sure they are of the same size and type as your original tires (see page 386).

If you install winter tires, make sure they are the same size as those that were originally supplied with your vehicle. Exercise the same caution during winter driving as you would if your vehicle was not equipped with VSA.



Your vehicle is equipped with a tire pressure monitoring system (TPMS) that turns on every time you start the engine and monitors the pressure in your tires while driving.

Each tire has its own pressure sensor. If the air pressure of a tire becomes significantly low, the sensor in that tire immediately sends a signal that causes the low tire pressure indicator to come on. Although your tire pressure is monitored, you must manually check the tire pressures monthly.

Each tire, including the spare, should be checked monthly when cold, and set to the recommended inflation pressure as specified on the vehicle placard and in the owner's manual (see page 383).

Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.



### Low Tire Pressure Indicator

When the low tire pressure indicator is on, one or more of your tires is significantly underinflated. You should stop and check your tires as soon as possible, and inflate them to the proper pressure as indicated on the vehicle's tire information placard.

After inflating the tire(s) to the proper pressure, the indicator will remain on until the vehicle is driven at a speed more than 25 mph (40 km/h).

On Touring models

With this indicator on, you will see which tire is losing pressure on the multi-information display along with a "CHECK TIRE PRESSURE" message (see page 334).





Because tire pressure varies by temperature and other conditions, the low tire pressure indicator may come on unexpectedly.

For example, if you check and fill your tires in a warm area, then drive in extremely cold weather, the tire pressure will be lower than measured and could be underinflated and cause the low tire pressure indicator to come on. Or, if you check and adjust your tire pressure in cooler conditions, and drive into extremely hot conditions, the tire may become overinflated. However, the low tire pressure indicator will not come on if the tires are overinflated.

Refer to page 382 for tire inflation guidelines.

# **TPMS**

## Tire Pressure Monitoring System (TPMS) Indicator

On LX, EX and EX-L models
This indicator comes on and stays on if there is a problem with the tire pressure monitoring system.

If this happens, the system will shut off and no longer monitor tire pressures. Have the system checked by your dealer as soon as possible.

### **Changing a Tire with TPMS**

On LX, EX and EX-L models If you have a flat tire, the low tire pressure indicator will come on. Replace the flat tire with the compact spare tire (see page 396).

On Canadian Touring model
If you have a flat tire, the low tire
indicator and tire pressure monitor
will come on. Replace the indicated
flat tire with the compact spare tire
(see page 396).

After you replace the flat tire with the spare, the low tire pressure indicator stays on. This is normal; the system is not monitoring the spare tire pressure. Manually check the spare tire pressure to be sure it is correct.

Never use a puncture-repairing agent in a flat tire. If used, you will have to replace the tire pressure sensor. Have the flat tire repaired by your dealer as soon as possible.

Each wheel is equipped with a tire pressure sensor mounted inside the tire behind the valve stem. You must use TPMS specific wheels. It is recommended that you always have your tires serviced by your dealer or qualified technician.



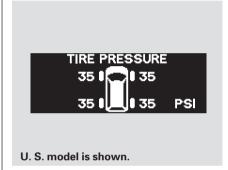
### **Tire Pressure Monitor**

On Touring models



To display the tire pressure monitor, press the INFO button until it appears on the multi-information display.

When all tire pressures are normal, the tire pressure monitor will show a "TIRE PRESS. OK SYSTEM FUNC NORMAL" message.



When the TPMS is functioning normally, you can see the tire pressure readings of each tire in psi (U.S. models) or kPa (Canadian models) by pressing the SEL/RESET button while the multi-information display shows the tire pressure monitor.



When any of the tires have low pressure, the low tire pressure indicator on the instrument panel comes on, and the multi-information display also interrupts the current display and shows a "CHECK TIRE PRESSURE" message. You can see one or more of the low pressure tire positions highlighted in the display along with this message.



It is possible that the pressures shown on the multi-information display and the pressures you manually measure are slightly different.

If the difference is significant or you cannot make the low tire pressure indicator and message on the multi-information display go out after inflating the tires to the specified values, have your dealer check the system as soon as possible.

# Pax System Warning

On U. S. Touring model only



If a flat tire is causing the low tire pressure indicator to come on, you will see the above message on the multi-information display.

Because your vehicle is equipped with the Michelin PAX system, you can continue to drive up to about 125 miles (200 km). If you have a flat tire, take your vehicle to the nearest Honda dealer or authorized Michelin PAX system dealer.

## **Changing a Tire with TPMS**

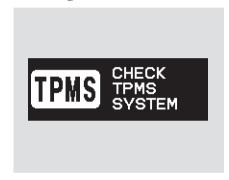
The tires on your vehicles are PAX tires, and you cannot replace or repair a flat tire. Replacement or repair of tires must be performed by a Honda dealer or an authorized Michelin PAX system dealer.

For more information on the Michelin PAX system, refer to page 392.

Driving



### Check TPMS System Message On Touring models



If there is a problem with the TPMS, the multi-information display shows a "CHECK TPMS SYSTEM" message.

If you see this message, the system may not be able to detect or signal low tire pressure as intended. Also, the tire pressure readings will not be displayed. Have your vehicle checked by a dealer as soon as possible.

If the low tire pressure indicator comes on, or the multi-information display shows a "CHECK TPMS SYSTEM" message, the VSA system automatically turns on even when the VSA system is turned off by pressing the VSA OFF switch (see page 331). If this happens, you cannot turn the VSA system off by pressing the VSA OFF switch again.

As required by the FCC: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.



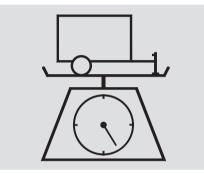
Your vehicle has been designed primarily to carry passengers and their cargo. You can also use it to tow a trailer if you carefully observe the load limits, use the proper equipment, and follow the guidelines in this section.

## **AWARNING**

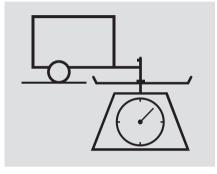
Exceeding any load limit or improperly loading your vehicle and trailer can cause a crash in which you can be seriously hurt or killed.

Check the loading of your vehicle and trailer carefully before starting to drive.

### **Load Limits**



Total Trailer Weight: The maximum allowable weight of the trailer and everything in or on it depends on several factors. See page 338 for the driving limits for your towing situation. Towing a load that is too heavy can seriously affect your vehicle's handling and performance. It can also damage the engine and drivetrain.



Tongue Load: The weight that the tongue of a fully-loaded trailer puts on the hitch should be approximately 10 % of the total trailer weight. Too much tongue load reduces front-tire traction and steering control. Too little tongue load can make the trailer unstable and cause it to sway.

CONTINUED



# **Towing a Trailer**

ľ	Maximum	Total	Trailer	W	eight/	
---	---------	-------	---------	---	--------	--

Number of	Equipped with transmission cooler		
Occupants*1	and power steering fluid cooler*2		
1	3,500 lbs (1,580 kg)		
2	3,350 lbs (1,520 kg)		
3	3,200 lbs (1,450 kg)		
4	3,050 lbs (1,380 kg)		
5	2,900 lbs (1,310 kg)		
6	2,750 lbs (1,250 kg)		
7	2,600 lbs (1,180 kg)*3 1,550 lbs (700 kg)*4		
8*3	650 lbs (290 kg)		

- \*1: Including driver. Based on 150 lbs (70 kg) per occupant.
- \*2: See page 340 for information about fluid coolers.
- \*3: LX, EX and EX-L models
- \*4: Touring model

To achieve a proper tongue load, start by loading 60 % of the load toward the front of the trailer and 40 % toward the rear, then re-adjust the load as needed.

# Gross Vehicle Weight Rating (GVWR):

The maximum allowable weight of the vehicle, all occupants, all cargo, and the tongue load is 5,952 lbs (2,700 kg).

# Gross Axle Weight Rating (GAWR):

The maximum allowable weight of the vehicle, all occupants, all cargo, and the tongue load must not exceed:

On all models except U.S. Touring 2,833 lbs (1,285 kg) on the front axle, and 3,197 lbs (1,450 kg) on the rear axle.

On U.S. Touring model 2,877 lbs (1,305 kg) on the front axle, and 3,197 lbs (1,450 kg) on the rear axle.

# Gross Combined Weight Rating (GCWR):

The maximum allowable weight of the fully loaded vehicle and trailer is 8,410 lbs (3,815 kg).



## **Checking Loads**

The best way to confirm that all loads are within limits is to check them at a public scale. For public scales in your area, check your local phone book, or contact your trailer dealer or rental agency for assistance.

If you cannot get to a public scale, you can estimate the total trailer weight by adding the weight of your trailer (as quoted by the manufacturer) with everything in or on the trailer.

If you normally pull the same load each time you tow a trailer, you can use a suitable scale or a special tongue load gauge to check the tongue load the first time you set up a towing combination (a fully loaded vehicle and trailer), then recheck the tongue load whenever the conditions change.

# **Towing Equipment and Accessories**

Towing generally requires a variety of supplemental equipment, depending on the size of your trailer, how much load you are towing, and where you tow. To ensure the best quality, we recommend that you purchase Honda equipment whenever possible.

Discuss your needs with your trailer sales or rental agency, and follow the guidelines in this section. Also make sure that all equipment is properly installed and meets federal, state, province, and local regulations.

riving

CONTINUED



# **Towing a Trailer**

#### Hitches

Any hitch used on your vehicle must be properly bolted to the underbody, using the six threaded holes provided. A hitch and the required fluid coolers designed especially for your Odyssey can be obtained from your Honda dealer.

### Weight Distributing Hitch

If the total trailer weight is more than 1,850 lbs (840 kg), you must also use a weight distributing hitch. This device transfers weight from the vehicle's rear wheels to the front wheels, and to the trailer's wheels. Carefully follow the hitch maker's instructions for proper installation and adjustment.

### Safety Chains

Always use safety chains when you tow a trailer. Make sure the chains are secured to the trailer and hitch, and that they cross under the tongue and can catch the trailer if it becomes unhitched. Leave enough slack to allow the trailer to turn corners easily, but do not let the chains drag on the ground.

## Sway Control

If the total trailer weight exceeds 2,000 lbs (900 kg), you should install a sway control device to minimize swaying that can occur in crosswinds and in normal and emergency driving maneuvers. Your trailer maker can tell you what kind of sway control you need and how to install it.

### Transmission Fluid Cooler and Power Steering Fluid Cooler

To help prevent overheating, a transmission fluid cooler and a power steering fluid cooler are required for trailer towing. These coolers are available only from your Honda dealer.



#### Trailer Brakes

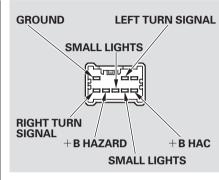
Honda recommends that any trailer having a total weight of 1,000 lbs (450 kg) or more be equipped with its own electric or surge-type brakes.

If you choose electric brakes, be sure they are electronically actuated. Do not attempt to tap into your vehicle's hydraulic system. No matter how successful it may seem, any attempt to attach trailer brakes to your vehicles hydraulic system will lower braking effectiveness and create a potential hazard.

See your trailer dealer or rental agency for more information on installing electric brakes.

### Trailer Lights

Trailer lights and equipment must comply with federal, state, province, and local regulations. Check the requirements for the areas where you plan to tow, and use only equipment designed for your vehicle.



Your vehicle has a trailer lighting connector behind the right side panel in the cargo area. Refer to the drawing above for the purpose of each pin.

Driving

CONTINUED



# **Towing a Trailer**

Since lighting and wiring vary by trailer type and brand, you should have a qualified technician install a suitable connector between the vehicle and the trailer. Improper equipment or installation can cause damage to your vehicle's electrical system and affect your vehicle warranty.

### Spare Tires

When towing a trailer, we recommend that you carry a full-size spare wheel and tire for your vehicle and trailer. If you use the compact spare tire that came with your vehicle, it could adversely affect vehicle handling. See page 386 for proper tire size, page 401 for how to store a full size wheel and tire, and page 396 for information on changing a flat tire.

Remember to unhitch the trailer before changing a flat. Ask your trailer sales or rental agency where and how to store the trailer's spare tire.

U.S. Touring model
Because of the Michelin PAX system,
you must not change a flat tire, or
use a compact spare tire on your
vehicle.

### Additional Towing Equipment

Many states and provinces require special outside mirrors when towing a trailer. Even if they don't, you should install special mirrors if you cannot clearly see behind you, or if the trailer creates a blind spot.

Ask your trailer sales or rental agency if any other items are recommended or required for your towing situation.



### **Pre-Tow Checklist**

When preparing to tow, and before driving away, be sure to check the following:

- The vehicle has been properly serviced, and the suspension, cooling system, and lights are in good operating condition.
- The trailer has been properly serviced and is in good condition.
- All weights and loads are within limits.
- The hitch, safety chains, and any other attachments are secure.

- All items in or on the trailer are properly secured and cannot shift while you drive.
- Your vehicle tires and spare are properly inflated, and the trailer tires and spare are inflated as recommended by the trailer maker.
- The lights and brakes on your vehicle and the trailer are working properly.
- You may want to fill the fuel tank with premium fuel. Premium fuel provides improved performance.

## **Driving Safely With a Trailer**

The added weight, length, and height of a trailer will affect your vehicle's handling and performance, so driving with a trailer requires some special driving skills and techniques.

For your safety and the safety of others, take time to practice driving maneuvers before heading for the open road, and follow the guidelines below.

## Towing Speeds and Gears

Drive slower than normal in all driving situations, and obey posted speed limits for vehicles with trailers. Use the D position when towing a trailer on level roads. Do not exceed 55 mph (88 km/h). At higher speeds, the trailer may sway or affect vehicle handling.

**CONTINUED** 





# **Towing a Trailer**

### Making Turns and Braking

Make turns more slowly and wider than normal. The trailer tracks a smaller arc than your vehicle, and it can hit or run over something the vehicle misses. Allow more time and distance for braking. Do not brake or turn suddenly as this could cause the trailer to jackknife or turn over.

### Driving on Hills

When climbing hills, closely watch your temperature gauge. If it nears the red mark, turn the air conditioning off, reduce speed and, if necessary, pull to the side of the road to let the engine cool.

If the automatic transmission shifts frequently while going up a hill, shift to D<sub>3</sub>.

If you must stop when facing uphill, use the foot brake or parking brake. Do not try to hold the vehicle in place by pressing on the accelerator, as this can cause the automatic transmission to overheat.

When driving down hills, reduce your speed, and shift down to second gear. Do not "ride" the brakes, and remember, it will take longer to slow down and stop when towing a trailer.

## Handling Crosswinds and Buffeting

Crosswinds and air turbulence caused by passing trucks can disrupt your steering and cause trailer to sway. When being passed by a large vehicle, keep a constant speed, and steer straight ahead. Do not try to make quick steering or braking corrections.

### Backing Up

Always drive slowly and have someone guide you when backing up. Grip the *bottom* of the steering wheel; then turn the wheel to the left to get the trailer to move to the left, and turn the wheel right to move the trailer to the right.

### **Parking**

Follow all normal precautions when parking, including putting the transmission in Park and firmly setting the parking brake. Also, place wheel chocks at each of the trailer's tires.



# Maintenance

This section explains why it is important to keep your vehicle well maintained and how to follow basic maintenance safety precautions.

This section also includes instructions on how to read the maintenance minder messages on the information display or multi-information display (depending on models), a maintenance record, and instructions for simple maintenance tasks you may want to take care of yourself.

If you have the skills and tools to perform more complex maintenance tasks on your vehicle, you may want to purchase the service manual. See page 441 for information on how to obtain a copy, or see your dealer.

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# **Maintenance Safety**

All service items not detailed in this section should be performed by a certified technician or other qualified mechanic.

### **Important Safety Precautions**

To eliminate potential hazards, read the instructions before you begin, and make sure you have the tools and skills required.

- Make sure your vehicle is parked on level ground, the parking brake is set, and the engine is off.
- To clean parts, use a commercially available degreaser or parts cleaner, not gasoline.
- To reduce the possibility of fire or explosion, keep cigarettes, sparks, and flames away from the battery and all fuel-related parts.
- Wear eye protection and protective clothing when working with the battery or compressed air.

## **AWARNING**

Improperly maintaining this vehicle, or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

## **Potential Vehicle Hazards**

- Carbon Monoxide poison from engine exhaust. Be sure there is adequate ventilation whenever you operate the engine.
- Burns from hot parts. Let the engine and exhaust system cool down before touching any parts.

• **Injury from moving parts.** Do not run the engine unless instructed to do so.

## **AWARNING**

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

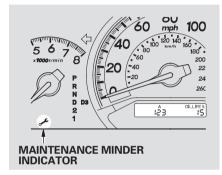
Always follow the procedures and precautions in this owner's manual.

Some of the most important safety precautions are given here. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

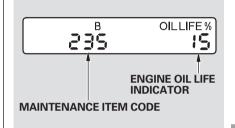


Based on the engine operating conditions and accumulated engine revolutions, the onboard computer in your vehicle calculates the remaining engine oil life and displays it as a percentage.

**Engine Oil Life Indicator** On LX. EX and EX-L models



To see the current engine oil life, turn the ignition switch to ON (II), and push and release the Select/ Reset knob on the instrument panel repeatedly, until the engine oil life is displayed.



If the oil life is 15 percent or less, vou will see the oil life indicator for every time you turn the ignition switch to the ON (II) position. This indicator stays on until you cancel it by pressing the Select/Reset knob. The maintenance minder indicator will also come on, and the maintenance item code(s) for other scheduled maintenance items needing service will be displayed next to the engine oil life indicator. **CONTINUED** 





B CHANGE OIL

When the remaining engine oil life is less than 5 percent, you will see a "CHANGE OIL" message on the information display, along with the same maintenance item code(s), every time you turn the ignition switch to the ON (II) position.

B CHANGE OIL %

When the remaining engine oil life is 0 percent, you will see the above display. In this display, the remaining oil life indicator will be blinking. This display comes on and stays on every time you turn the ignition switch to the ON (II) position. When you see this message, have the indicated maintenance performed by your dealer as soon as possible.

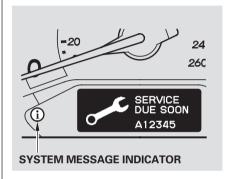
You can change the display to the odometer, the trip meter, or the outside temperature by pushing the Select/Reset knob on the instrument panel.



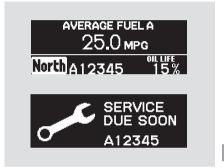
B CHANGE OIL

If you still do not perform the indicated maintenance, you will see a negative mileage, for example "-543," blinking in the display. This negative mileage means that you should have performed the indicated maintenance 543 miles ago. Immediately have the indicated maintenance done by your dealer.

On Touring models



To see the current engine oil life, turn the ignition switch to the ON (II) position, then push and release the SEL/RESET button on the steering wheel repeatedly, until the engine oil life is displayed.



When the remaining engine oil life is 15 percent or less, the display shows a "SERVICE DUE SOON" message along with the maintenance item code(s) for other scheduled maintenance items needing service.

When you turn the ignition switch to the ON (II) position, the system message indicator will also come on.

CONTINUED





When the remaining engine oil life is less than 5 percent, you will see the above display. The display then changes to "SERVICE DUE NOW." Have the indicated maintenance done as soon as possible.



When the remaining engine oil life is less than 0 percent and you have not done the required maintenance, you will see the above display for several seconds. In this display, "0" will be blinking.

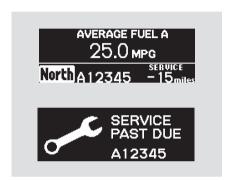
The display then changes to "SERVICE PAST DUE."

These messages will come on every time you turn the ignition switch to the ON (II) position.

Immediately have the service performed, and make sure to reset the display as described on page 353.

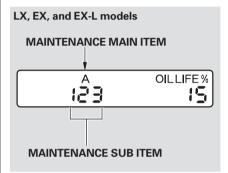
You can change the display to the odometer, the trip meter, or the outside temperature by pushing the SEL/RESET button on the steering wheel.





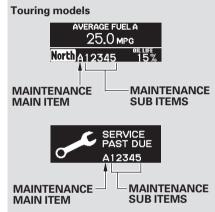
If you still do not get the indicated maintenance done, you will see a negative mileage, for example "-15" blinking. This negative mileage display means you should have done the indicated maintenance 15 miles ago. Immediately have the indicated maintenance done by your dealer.

# **Maintenance Main Items and Sub Items**



All the maintenance items displayed on the information display or the multi-information display are in code.

For an explanation of the maintenance codes, see page 356.



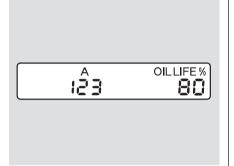


# Resetting the Engine Oil Life Indicator

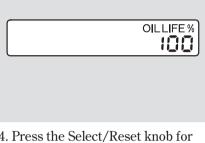
On LX, EX and EX-L models
Your dealer will reset the display
after completing the required
maintenance service. You will see
"OIL LIFE 100%" on the information
display the next time you turn the
ignition switch to the ON (II)
position.

If maintenance service is done by someone other than your dealer, reset the maintenance minder as follows:

- 1. Turn the ignition switch to the ON (II) position.
- 2. Press the Select/Reset knob until the engine oil life indicator is displayed.



3. Press the Select/Reset knob for about 10 seconds. The engine oil life indicator and the maintenance item code(s) will blink.



4. Press the Select/Reset knob for more than 5 seconds. The maintenance items code(s) will disappear, and the engine oil life indicator will reset to "100."



### On Touring models

- 1. Turn the ignition switch to the ON (II) position.
- 2. Press the SEL/RESET button on the steering wheel until you see the engine oil life display.



- 3. Press the SEL/RESET button on the steering wheel for about 10 seconds. The display will change to the "CUSTOM SETUP" mode.
- 4. Press the SEL/RESET button on the steering wheel. The maintenance item code(s) will disappear, and the engine oil life will reset to "100."

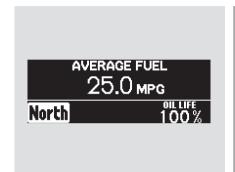


5. If you want to cancel resetting, press the INFO button on the steering wheel. The display changes as shown. Press the SEL/RESET button. This cancels the resetting procedure, and the screen returns to the normal display mode.

CONTINUED







6. When you select "RESET" and press the SEL/RESET button, the multi-information display resets as shown above.

### **Important Maintenance Precautions**

If you have the required service done but do not reset the display, or reset the display without doing the service, the system will not show the proper maintenance intervals. This can lead to serious mechanical problems because you will no longer have an accurate record of when maintenance is needed.

Your authorized Honda dealer knows your vehicle best and can provide competent, efficient service. However, service at a dealer is not mandatory to keep your warranties in effect. Maintenance may be done by any qualified service facility or person who is skilled in this type of automotive service. Make sure to have the service facility or person reset the display as previously described. Keep all receipts as proof of completion, and have the person who does the work fill out the maintenance record. Check your warranty booklet for more information

We recommend the use of Honda parts and fluids whenever you have maintenance done. These are manufactured to the same highquality standards as the original components, so you can be confident of their performance and durability.





#### U.S. Vehicles:

Maintenance, replacement, or repair of emissions control devices and systems may be done by any automotive repair establishment or individual using parts that are "certified" to EPA standards.

According to state and federal regulations, failure to perform maintenance on the items marked with # will not void your emissions warranties. However, all maintenance services should be performed in accordance with the intervals indicated by the odometer/trip meter display or the multi-information display.

Owner's Maintenance Checks You should check the following items at the specified intervals. If you are unsure of how to perform any check, turn to the appropriate page listed.

- Engine oil level Check every time you fill the fuel tank. See page 309.
- Engine coolant level Check the radiator reserve tank every time you fill the fuel tank. See page 310.
- Automatic transmission Check the fluid level monthly. See page 367.
- Brakes Check the fluid level monthly. See page 369.
- Tires Check the tire pressure monthly. Examine the tread for wear and foreign objects. See page 384.

• Lights — Check the operation of the headlights, parking lights, taillights, high-mount brake light, and license plate lights monthly. See page 371.

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# **Maintenance Minder**

Symbol	Maintenance Main Items
Α	Replace engine oil*
В	<ul> <li>Replace engine oil* and oil filter</li> </ul>
	<ul> <li>Inspect front and rear brakes</li> </ul>
	Check parking brake adjustment
	Inspect these items:
	<ul> <li>Tie rod ends, steering gear box, and boots</li> </ul>
	Suspension components
	Driveshaft boots
	<ul> <li>Brake hoses and lines (including ABS)</li> </ul>
	<ul> <li>All fluid levels and condition of fluids</li> </ul>
	• Exhaust system#
	<ul> <li>Fuel lines and connections<sup>#</sup></li> </ul>

\*: If the message "SERVICE DUE NOW" does not appear more than 12 months after the display is reset, change the engine oil every year.

#: See information on maintenance and emissions warranty on page 355.

NOTE: • Independent of the maintenance messages in the multi-information display, replace the brake fluid every 3 years.

• Inspect idle speed every 160,000 miles (256,000 km).

• Adjust the valves during services A, B, 1, 2, or 3 only if they are noisy.

Symbol	Maintenance Sub Items
1	Rotate tires
2	Replace air cleaner element If you drive in dusty conditions, replace every 15,000 miles (24,000 km).  Replace dust and pollen filter If you drive primarily in urban areas that have high concentrations of soot in the air from industry and from diesel-powered vehicles, replace every 15,000 miles (24,000 km).  Inspect drive belt
3	Replace transmission fluid     Driving in mountainous areas at very low vehicle speeds or trailer towing results in higher transmission temperatures.     This requires transmission fluid changes more frequently than recommended by the Maintenance Minder. If you regularly drive your vehicle under these conditions, have the transmission fluid changed every 30,000 miles (48,000 km).
4	Replace spark plugs Replace timing belt and inspect water pump If you drive regularly in very high temperatures (over 110°F, 43°C), or in very low temperatures (under — 20°F, — 29°C), replace every 60,000 miles (U.S.)/100,000 km (Canada).  Inspect valve clearance
5	Replace engine coolant



You or the servicing dealer can record all completed maintenance here. When maintenance is performed, record the mileage, circle the coded item(s) completed, and write in any other non-coded items (such as brake fluid replacement) below the codes. Keep the receipts for all work done on your vehicle. Maintenance can also be recorded in your Honda service history booklet.

Mileage		inte rforr				Signature Date		
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	

Mileage		inte rforn		се		Signature		
								Date
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	

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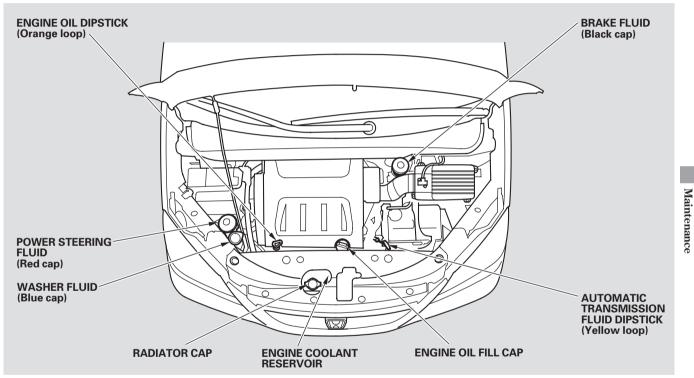


# **Maintenance Record**

Mileage		inte						Signature
	Fe	Performed						Date
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	

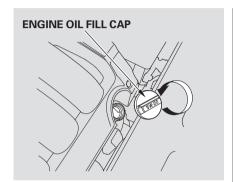
Mileage		inte		се		Signature		
		Performed						Date
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	Α	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	
<b>mi</b> km	А	В	1	2	3	4	5	







# **Adding Engine Oil**



Unscrew and remove the engine oil fill cap on top of the valve cover. Pour in the oil slowly and carefully so you do not spill. Clean up any spills immediately. Spilled oil could damage components in the engine compartment.

Reinstall the engine oil fill cap, and tighten it securely. Wait a few minutes, and recheck the oil level on the engine oil dipstick. Do not fill above the upper mark; you could damage the engine.

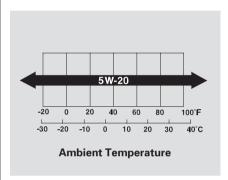
### **Recommended Engine Oil**



Oil is a major contributor to your engine's performance and longevity. Always use a premium-grade 5W-20 detergent oil displaying the API Certification Seal. This seal indicates the oil is energy conserving, and that it meets the American Petroleum Institute's latest requirements.



Honda Motor Oil is the preferred 5W-20 lubricant for your vehicle. It is highly recommended that you use Honda Motor Oil in your vehicle for optimum engine protection. Make sure the API Certification Seal says "For Gasoline Engines."



The oil viscosity or weight is provided on the container's label. 5W-20 oil is formulated for year-round protection of your vehicle to improve cold weather starting and fuel economy.

#### **Synthetic Oil**

You may use a synthetic motor oil if it meets the same requirements given for a conventional motor oil: it displays the API Certification Seal, and it is the proper weight. You must follow the oil and filter change intervals shown on the odometer/trip meter display or on the multi-information display.

## **Engine Oil Additives**

Your vehicle's engine does not require any oil additives. Additives may adversely affect engine or transmission performance and durability.

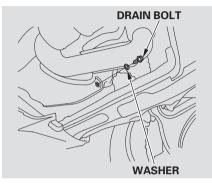
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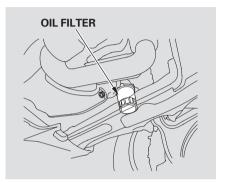
# **Changing the Oil and Filter**

Always change the oil and filter according to the maintenance messages shown on the odometer/trip meter display or on the multi-information display. The oil and filter collect contaminants that can damage your engine if they are not removed regularly.

Changing the oil and filter requires special tools and access from underneath the vehicle. The vehicle should be raised on a service stationtype hydraulic lift for this service. Unless you have the knowledge and proper equipment, you should have this maintenance done by a skilled technician.



- 1. Run the engine until it reaches normal operating temperature, then shut it off.
- 2. Open the hood, and remove the engine oil fill cap. Remove the oil drain bolt and washer from the bottom of the engine. Drain the oil into an appropriate container.



- 3. Remove the oil filter, and let the remaining oil drain. A special wrench (available from your dealer) is required.
- 4. Check the oil filter to make sure its gasket did not stick to the filter base. A stuck gasket could cause an oil leak.





- 5. Install a new oil filter according to the instructions that come with it.
- 6. Put a new washer on the drain bolt, then reinstall the drain bolt.
  Tighten the drain bolt to:
  29 lbf·ft (39 N·m , 4.0 kgf·m)
- 7. Refill the engine with the recommended oil.

Engine oil change capacity (including filter): 4.5 US qt (4.3 1)

- 8. Replace the engine oil fill cap. Start the engine. The oil pressure indicator should go out within 5 seconds. If it does not, turn off the engine, and check your work.
- 9. Let the engine run for several minutes, then check the drain bolt and oil filter for leaks.
- 10. Turn off the engine and let it sit for several minutes, then check the oil level on the dipstick. If necessary, add more oil.

### NOTICE

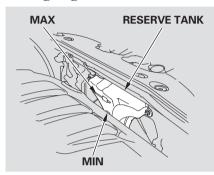
Improper disposal of engine oil can be harmful to the environment. If you change your own oil, please dispose of the used oil properly. Put it in a sealed container, and take it to a recycling center. Do not discard it in a trash bin or dump it on the ground.

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# **Engine Coolant**

#### **Adding Engine Coolant**



If the coolant level in the reserve tank is at or below the MIN line, add coolant to bring it up to the MAX line. Inspect the cooling system for leaks. Always use Honda Long-life Antifreeze/Coolant Type 2. This coolant is pre-mixed with 50 percent antifreeze and 50 percent water. Never add straight antifreeze or plain water.

If Honda antifreeze/coolant is not available, you may use another major-brand non-silicate coolant as a temporary replacement. Make sure it is a high-quality coolant recommended for aluminum engines. Continued use of any non-Honda coolant can result in corrosion, causing the cooling system to malfunction or fail. Have the cooling system flushed and refilled with Honda antifreeze/coolant as soon as possible.

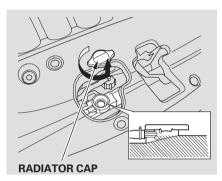
If the reserve tank is completely empty, you should also check the coolant level in the radiator.

## **AWARNING**

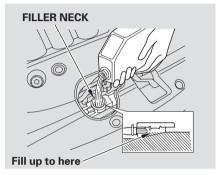
Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.





- 1. When the radiator and engine are cool, relieve any pressure in the cooling system by turning the radiator cap counterclockwise, without pressing down.
- 2. Remove the radiator cap by pushing down and turning counterclockwise.



3. The coolant level should be up to the base of the filler neck. Add coolant if it is low.

Pour the coolant slowly and carefully so you do not spill. Clean up any spill immediately; it could damage components in the engine compartment.

- 4. Put the radiator cap back on, and tighten it fully.
- 5. Pour coolant into the reserve tank. Fill it to halfway between the MAX and MIN marks. Put the cap back on the reserve tank.

Do not add any rust inhibitors or other additives to your vehicle's cooling system. They may not be compatible with the coolant or engine components.

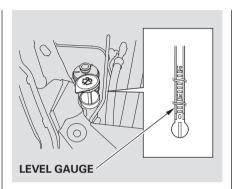
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# Windshield Washers

Check the fluid level in the windshield washer reservoir at least monthly during normal use. This reservoir supplies the windshield and rear window washers.

Check the fluid level by removing the cap and looking at the level gauge attached to the cap.



On Canadian models: The low washer level indicator comes on when the level is low (see page 73).

On Canadian Touring model: You will also see a "WASHER FLUID LOW" message on the multiinformation display (see page 89 ). Fill the reservoir with a good-quality windshield washer fluid. This increases the cleaning capability and prevents freezing in cold weather.

When you refill the reservoir, clean the edges of the windshield wiper blades with windshield washer fluid on a clean cloth. This will help to condition the blade edges.

### NOTICE

Do not use engine antifreeze or a vinegar/water solution in the windshield washer reservoir. Antifreeze can damage your vehicle's paint, while a vinegar/water solution can damage the windshield washer pump. Use only commercially-available windshield washer fluid.



The transmission should be drained and refilled with new fluid when this service is indicated on a maintenance message on the information display or on the multi-information display (depending on models).

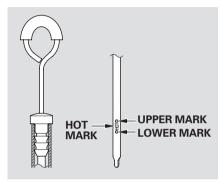
If you are not sure how to add fluid or you do not have the proper equipment to reach the transmission fluid fill hole, you should have this maintenance done by a skilled technician.

Check the fluid level with the engine at normal operating temperature.

1. Park the vehicle on level ground. Start the engine and let it run until the radiator fan comes on, then shut off the engine. For accurate results, wait about 60 seconds before going to step 2, but don't wait longer than 90 seconds.



2. Remove the dipstick (yellow loop) from the transmission, and wipe it with a clean cloth.



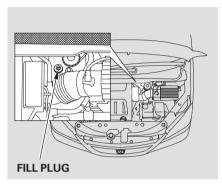
- 3. Insert the dipstick all the way into the transmission securely as shown in the illustration.
- 4. Remove the dipstick, and check the fluid level. It should be between the upper and lower marks.

**CONTINUED** 





# **Automatic Transmission Fluid**



5. If the level is below the lower mark, remove the fill plug, then add the fluid into the fill hole to bring it to the level between the upper and lower marks on the dipstick.

Pour the fluid slowly and carefully so you do not spill any. Clean up any spill immediately; it could damage components in the engine compartment.

Always use Honda ATF-Z1 (automatic transmission fluid). If it's not available, you may use a DEXRON® III automatic transmission fluid as a temporary replacement. However, continued use can affect the shift quality. Have the transmission flushed and refilled with Honda ATF-Z1 as soon as it is convenient.

6. Insert the dipstick all the way back into the transmission securely as shown in the illustration on the previous page.



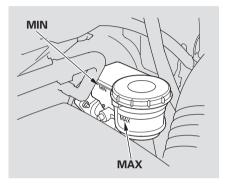
Check the brake fluid level in the reservoirs monthly.

Replace the brake fluid every 3 years, independent of mileage.

Always use Honda Heavy Duty Brake Fluid DOT 3. If it is not available, you should use only DOT 3 or DOT 4 fluid, from a sealed container, as a temporary replacement.

Using any non-Honda brake fluid can cause corrosion and decrease the life of the system. Have the brake system flushed and refilled with Honda Heavy Duty Brake Fluid DOT 3 as soon as possible.

Brake fluid marked DOT 5 is not compatible with your vehicle's braking system and can cause extensive damage.



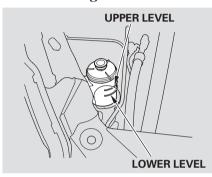
The fluid level should be between the MIN and MAX marks on the side of the reservoir. If the level is at or below the MIN mark, your brake system needs attention. Have the brake system inspected for leaks or worn brake pads.

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# **Power Steering Fluid, Timing Belt**

#### **Power Steering Fluid**



Check the level on the side of the reservoir when the engine is cold. The fluid should be between the UPPER LEVEL and LOWER LEVEL. If not, add power steering fluid to the UPPER LEVEL mark.

Pour the fluid slowly and carefully so you do not spill. Clean up any spill immediately; it could damage components in the engine compartment.

Always use Honda Power Steering Fluid. You may use another power steering fluid as an emergency replacement, but have the power steering system flushed and refilled with Honda PSF as soon as possible.

A low power steering fluid level can indicate a leak in the system. Check the fluid level frequently, and have the system inspected as soon as possible.

If you are not sure how to add fluid, contact your dealer.

## NOTICE

Turning the steering wheel to full left or right lock and holding it there can damage the power steering pump.

#### **Timing Belt**

The timing belt should be replaced at the intervals shown in the maintenance minder schedule.

Replace the belt at 60,000 miles (100,000 km) if you regularly drive your vehicle in one or more of these conditions:

- In very high temperatures (over 110°F, 43°C).
- In very low temperatures (under  $-20^{\circ}$ F,  $-29^{\circ}$ C).



#### **Headlight Aiming**

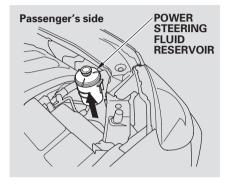
The headlights were properly aimed when your vehicle was new. If you regularly carry heavy items in the cargo area or pull a trailer, readjustment may be required. Adjustments should be done by your dealer or other qualified technician.

### Replacing a Headlight Bulb

Your vehicle has halogen headlight bulbs, two on each side. When replacing a bulb, handle it by its base and protect the glass from contact with your skin or hard objects. If you touch the glass, clean it with denatured alcohol and a clean cloth.

## NOTICE

Halogen headlight bulbs get very hot when lit. Oil, perspiration, or a scratch on the glass can cause the bulb to overheat and shatter.



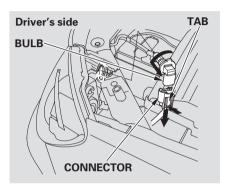
The high beam headlight bulb and the low beam headlight bulb are replaced the same way.

1. Open the hood. To change the high beam headlight bulb on the passenger's side, remove the power steering fluid reservoir from its holder by pulling it straight up.

**CONTINUED** 



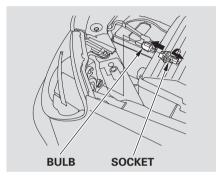
# Lights



- 2. Remove the electrical connector from the bulb by pushing on the tab and pulling the connector down.
- 3. Remove the bulb by turning it onequarter turn counterclockwise.
- 4. Insert the new bulb into the hole, and turn it one-quarter turn clockwise to lock it in place.

- 5. Push the electrical connector back onto the bulb. Make sure it is on all the way.
- 6. Turn on the headlights to test the new bulb.
- 7. If you replaced the high beam headlight bulb on the passenger's side, reinstall the power steering fluid reservoir.

# Replacing a Front Turn Signal Bulb

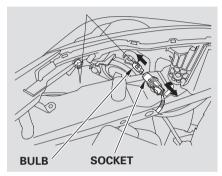


- 1. Open the hood. Remove the socket from the headlight assembly by turning it one-quarter turn counterclockwise.
- 2. Pull the burned out bulb straight out of its socket.
  Push the new bulb straight into the socket until it bottoms.



- 3. Insert the socket back into the headlight assembly. Turn it clockwise to lock it in place.
- 4. Turn on the lights to make sure the new bulb is working.

# Replacing a Front Parking/Side Marker Bulb



- 1. Open the hood. Remove the socket from the headlight assembly by turning it one-quarter turn counterclockwise.
- 2. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.

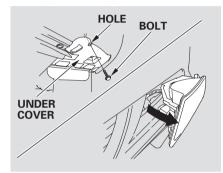
- 3. Insert the socket back into the headlight assembly. Turn it clockwise to lock it in place.
- 4. Turn on the lights to make sure the new bulb is working.

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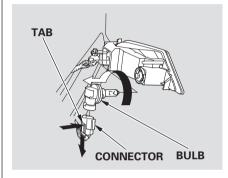


# Lights

# Replacing a Fog Light Bulb *Touring models only*



- 1. Remove the undercover bolt located under the front bumper.
- 2. Push up the undercover.
- 3. Remove the fog light assembly from the bumper by pulling its inner edge first, then the whole assembly out of the bumper.

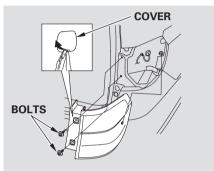


- 4. Remove the electrical connector from the bulb by pushing on the tab and pulling the connector down.
- 5. Remove the bulb from the fog light assembly by turning it one-quarter turn counterclockwise.

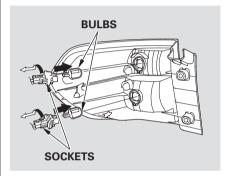
- 6. Insert the new bulb into the assembly and turn it one-quarter turn clockwise to lock it in place.
- 7. Push the electrical connector onto the new bulb.
- 8. Turn on the fog lights to test the new bulb.
- 9. Reinstall the fog light assembly into the bumper. Tighten the undercover bolt.



# Replacing Rear Bulbs (in Rear Pillar)



- 1. Open the tailgate.
- 2. Remove the two bolt covers on the rear pillar by prying on the bottom edge with a flat-tip screwdriver. Remove the bolts with a Phillipshead screwdriver, and remove the light assembly from the rear pillar.



- 3. Determine which of the two bulbs is burned out: turn signal or brake/taillight.
- 4. Remove the socket by turning it one-quarter turn counterclockwise.
- 5. Remove the bulb by pulling it straight out of its socket. Push the new bulb straight into the socket until it bottoms.

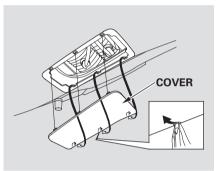
- 6. Test the lights to make sure the new bulb is working.
- 7. Put the socket back into the light assembly, and turn it clockwise to lock it in place.
- 8. Install the rear light assembly in the rear pillar. Tighten the two bolts. Snap the bolt covers into position.

Maintenance

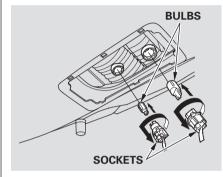


# Lights

# Replacing Rear Bulbs (in Tailgate)



- 1. Open the tailgate. Place a cloth on the edge of the light assembly cover. Remove the cover by carefully prying in the notch on its middle edge with a flat-tip screwdriver.
- 2. Determine which of the two bulbs is burned out: taillight or back-up light.

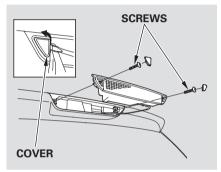


- 3. Remove the socket by turning it one-quarter turn counterclockwise.
- 4. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.

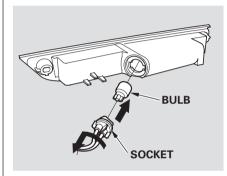
- 5. Turn on the lights to make sure the new bulb is working.
- 6. Reinstall the socket into the light assembly by turning it clockwise until it locks.
- 7. Reinstall the light assembly cover.



# Replacing a High-mount Brake Light Bulb



- Remove the two screw covers on the light assembly by prying on the side edge with a flat-tip screwdriver.
- 2. Remove the screws with a Phillipshead screwdriver, then remove the light assembly from the tailgate.



- 3. Remove the socket from the light assembly by turning it one-quarter turn counterclockwise.
- 4. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.

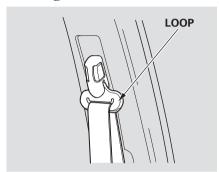
- 5. Press the brake pedal to make sure the new bulb is working.
- 6. Put the socket back into the light assembly, and turn it clockwise to lock it in place.
- 7. Reinstall the high-mount brake light assembly into the tailgate. Tighten the two screws and reinstall the covers.

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# Cleaning the Seat Belts, Floor Mats

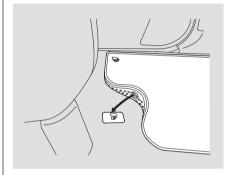
### Cleaning the Seat Belts



If your seat belts get dirty, use a soft brush with a mixture of mild soap and warm water to clean them. Do not use bleach, dye, or cleaning solvents. Let the belts air dry before you use the vehicle.

Dirt build-up in the loops of the seat belt anchors can cause the belts to retract slowly. Wipe the insides of the loops with a clean cloth dampened in mild soap and warm water or isopropyl alcohol.

#### **Floor Mats**



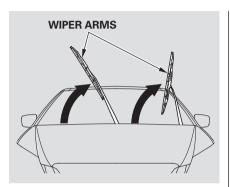
The driver's floor mat that came with your vehicle hooks over the floor mat anchors. This keeps the floor mat from sliding forward and possibly interfering with the pedals.

If you remove the driver's floor mat, make sure to re-anchor it when you put it back in your vehicle.

If you use a non-Honda floor mat, make sure it fits properly and that it can be used with the floor mat anchors. Do not put additional floor mats on top of the anchored mat.



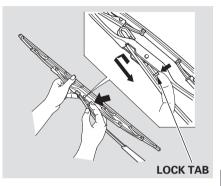
Check the condition of the wiper blades at least every 6 months. Replace them if you find signs of cracking in the rubber, and areas that are getting hard or if they leave streaks and unwiped areas when used.



1. Raise the wiper arm off the windshield. Front windshield: Raise the driver's side first, then the passenger's side.

## NOTICE

Do not open the hood when the wiper arms are raised, or you will damage the hood and the arms.



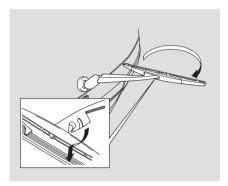
2. Front Wiper: . Front Wiper:
Disconnect the blade assembly from the wiper arm by pushing in the lock tab. Hold the lock tab in while you push the blade assembly toward the base of the arm.

**CONTINUED** 

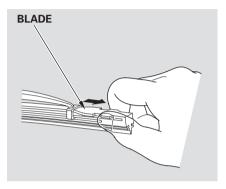




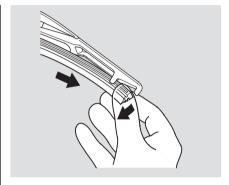
# **Wiper Blades**



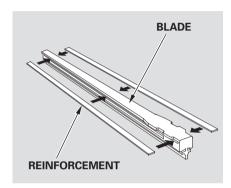
Rear Wiper: Disconnect the blade assembly from the wiper arm by pivoting the blade assembly upward.



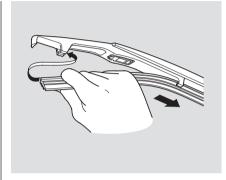
3. Front Wiper:
Remove the blade from its holder
by grasping the tabbed end of the
blade. Pull firmly until the tabs
come out of the holder.



Rear Wiper:
Pull one end of the blade out from the holder.
Slide the blade out of the holder.



- 4. Examine the new wiper blades. If they have no plastic or metal reinforcement along the back edge, remove the metal reinforcement strips from the old wiper blade, and install them in the slots along the edge of the new blade.
- 5. Front Wiper:
  Slide the new wiper blade into the holder until the tabs lock.



Rear Wiper: Slide the new blade into the wiper arm. Make sure it is engaged in the slot along its full length.

Insert both ends of the blade into the holder. Make sure they are secure.

- 6. Install the wiper blade assembly onto the wiper arm. Make sure it locks in place.
- 7. Lower the wiper arm against the windshield.
  Front windshield: Lower the passenger's side first, then the driver's side.

Maintenance



## **Tires**

#### Wheels

Clean the wheels as you would the rest of the exterior. Wash them with the same solution, and rinse them thoroughly.

#### If equipped

Aluminum alloy wheels have a protective clear-coat that keeps the aluminum from corroding and tarnishing. Cleaning the wheels with harsh chemicals (including some commercial wheel cleaners) or a stiff brush can damage the clear-coat. To clean the wheels, use a mild detergent and a soft brush or sponge.

#### Tires

To safely operate your vehicle, your tires must be the proper type and size, in good condition with adequate tread, and correctly inflated.

The following pages give more detailed information on how to take care of your tires and what to do when they need to be replaced.

## **AWARNING**

Using tires that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding tire inflation and maintenance.

#### **Inflation Guidelines**

Keeping the tires properly inflated provides the best combination of handling, tread life, and riding comfort.

- Underinflated tires wear unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.
- Overinflated tires can make your vehicle ride more harshly, are more prone to damage from road hazards, and wear unevenly.

The tire pressure monitoring system (TPMS) will warn you when a tire pressure is low. See page 332 for information on the TPMS.



Even though your vehicle is equipped with TPMS, we recommend that you visually check your tires every day. If you think a tire might be low, check it immediately with a tire gauge.

Use a gauge to measure the air pressure in each tire at least once a month. Even tires that are in good condition may lose 1 to 2 psi (10 to 20 kPa, 0.1 to 0.2 kgf/cm²) per month. Remember to check the spare tire at the same time.

Check the air pressures when the tires are cold. This means the vehicle has been parked for at least 3 hours, or driven less than 1 mile (1.6 km). Add or release air, if needed, to match the recommended cold tire pressures.

If you check air pressures when the tires are hot [driven for several miles (kilometers)], you will see readings 4 to 6 psi (30 to 40 kPa, 0.3 to 0.4 kgf/cm²) higher than the cold readings. This is normal. Do not let air out to match the recommended cold air pressure. The tire will be underinflated.

You should use your own tire pressure gauge whenever you check your tire pressures. This will make it easier for you to tell if a pressure loss is due to a tire problem and not due to a variation between gauges.

While tubeless tires have some ability to self-seal if they are punctured, you should look closely for punctures if a tire starts losing pressure.

#### **Recommended Tire Pressures**

The following chart shows the recommended cold tire pressures for most normal and high-speed driving conditions.

LX and EX models

Tire Size	Cold Tire Pressure for
	Normal Driving
	Front:33 psi (230 kPa ,
235/65R16 103T	2.3 kgf/cm <sup>2</sup> )
	Rear: 35 psi (240 kPa,
	2.4 kgf/cm <sup>2</sup> )

EX-L and Canadian Touring models

Tire Size	Cold Tire Pressure for
	Normal Driving
	Front:35 psi (240 kPa,
235/65R16 103T	2.4 kgf/cm <sup>2</sup> )
	Rear: 35 psi (240 kPa,
	2.4 kgf/cm <sup>2</sup> )

The compact spare tire pressure is: 60 psi (420 kPa, 4.2 kgf/cm²)

CONTINUED



# **Tires**

US Touring model

e let I during model								
Cold Tire Pressure for								
Normal Driving								
Front:	33 psi (230 kPa ,							
	2.3 kgf/cm <sup>2</sup> )							
Rear:	35 psi (240 kPa ,							
	2.4 kgf/cm <sup>2</sup> )							
	Cold Norn Front:							

For convenience, the recommended tire sizes and cold tire pressures are on a label on the driver's doorjamb.

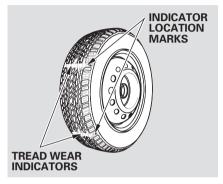
For additional information about your tires, see page 428.

#### **Tire Inspection**

Every time you check inflation, you should also examine the tires for damage, foreign objects, and wear.

You should look for:

- Bumps or bulges in the tread or side of the tire. Replace the tire if you find either of these conditions.
- Cuts, splits, or cracks in the side of the tire. Replace the tire if you can see fabric or cord.
- Excessive tread wear.



Your tires have wear indicators molded into the tread. When the tread wears down, you will see a band 1/2 inch (12.7 mm) wide band across the tread. This shows there is less than 1/16 inch (1.6 mm) of tread left on the tire.

A tire this worn gives very little traction on wet roads. You should replace the tire if you can see three or more tread wear indicators.



In addition to proper inflation, correct wheel alignment helps to decrease tire wear. If you find a tire is worn unevenly, have your dealer check the wheel alignment.

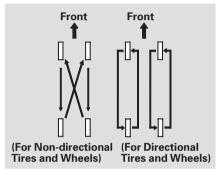
Have your dealer check the tires if you feel a consistent vibration while driving. A tire should always be rebalanced if it is removed from the wheel. When you have new tires installed, make sure they are balanced. This increases riding comfort and tire life. For best results, have the installer perform a dynamic balance.

### NOTICE

## If equipped

Improper wheel weights can damage your vehicle's aluminum wheels. Use only genuine Honda wheel weights for balancing.

#### **Tire Rotation**



To help increase tire life and distribute wear more evenly, rotate the tires according to the maintenance messages displayed on the information display or multi-information display (depending on models). Move the tires to the positions shown in the diagram each time they are rotated. If you purchase directional tires, rotate only front-to-back.

#### **Replacing Tires and Wheels**

Replace your tires with radial tires of the same size, load range, speed rating, and maximum cold tire pressure rating (as shown on the tire's sidewall).

Mixing radial and bias-ply tires on your vehicle can reduce braking ability, traction, and steering accuracy. Using tires of a different size or construction can cause the ABS and vehicle stability assist system (VSA) to work inconsistently.

The ABS works by comparing the speed of the wheels. When replacing tires, use the same size originally supplied with the vehicle. Tire size and construction can affect wheel speed and may cause the system to activate.

**CONTINUED** 





## **Tires**

It is best to replace all four tires at the same time. If that is not possible or necessary, replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle's handling.

If you ever replace a wheel, make sure the new one matches the specifications of the original.

Replacement wheels are available at your dealer.

## **AWARNING**

Installing improper tires on your vehicle can affect handling and stability. This can cause a crash in which you can be seriously hurt or killed.

Always use the size and type of tires recommended in this owner's manual.

# Wheel and Tire Specifications Wheels:

All models except U.S. Touring 16 x 7J (TPMS)

*U.S. Touring model* 225 x 460A (TPMS&PAX)

Tires: All models except U.S. Touring 235/65R16 103T

*U.S. Touring model* 235-710R460A 104T (PAX)

See page 426 for information about DOT Tire Quality Grading, and page 428 for tire size and labeling information.

#### **Winter Driving**

Tires marked "M + S" or "All Season" on the sidewall have an allweather tread design suitable for most winter driving conditions.

For the best performance in snowy or icy conditions, you should install snow tires or tire chains. They may be required by local laws under certain conditions.

#### **Snow Tires**

If you mount snow tires on your vehicle, make sure they are radial tires of the same size and load range as the original tires. Mount snow tires on all four wheels. The traction provided by snow tires on dry roads may be lower than your original tires. Check with the tire dealer for maximum speed recommendations.



#### **Tire Chains**

Mount tire chains on your tires when required by driving conditions or local laws. Install them only on the front tires.

Because your vehicle has limited tire clearance, Honda strongly recommends using the chains listed below.

All except U.S. Touring model Link-type: SCC Quick Grip QG1142 Cable-type: SCC SC Cable SC1042

U.S. Touring model
Link-type: Laclede # 1142
Cable-type: SCC SC Cable SC1042

Tire chains cannot be used with a flat front tire. If a front tire goes flat when a tire chain is installed on it, remove the chain, and follow the precautions described under Michelin PAX System (see page 392).

The previously listed chains are the only ones that have been approved by Honda for use on your vehicle. Since Honda cannot test all chains, you must be personally responsible for proper selection, installation, and use of tire chains.

These chains are available at many auto supply stores. For a complete list of stores, visit the SCC website at www.scc-chain.com. When installing chains, follow the manufacturer's instructions, and mount them as tightly as you can. Drive slowly with chains installed.

When installing cables, follow the manufacturer's instructions, and mount them as tight as you can. Make sure they are not contacting the brake lines or suspension. Drive slowly with them installed. If you hear them coming into contact with the body or chassis, stop and investigate. Remove them as soon as you begin driving on cleared roads.

## **AWARNING**

Using the wrong chains, or not properly installing chains, can damage the brake lines and cause a crash in which you can be seriously injured or killed.

Follow all instructions in this owner's manual regarding the selection and use of tire chains.

**CONTINUED** 



## **Tires**

If you ever hear the chains contacting the body or chassis, stop and investigate. If the chains have loosened, retighten them. Make sure they do not contact the brake lines or suspension.

Remove the chains as soon as you begin driving on cleared roads.

#### Michelin PAX System

On U.S. Touring model only Your vehicle is equipped with the Michelin PAX system which, together with the tire pressure monitoring system (TPMS), enables you to continue driving even if one or more of your tires loses its pressure. The tires and wheels on your vehicle are specially designed for the PAX system, and the PAX system is specifically designed and fine-tuned for your vehicle.

Because of these reasons, use only the wheels and tires designated in this owner's manual. Never mix PAX system wheels or tires with conventional wheels or tires.

There are no snow tires compatible with the PAX system, and not all tire chains are suitable for use on the PAX system tires. To prevent tire chain damage to the PAX system tires or wheels, ensure that no part of the chain contacts the PAX system.

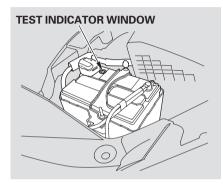
If you mount snow chains on your tires, use the chains recommended by Honda (see page 387).

Do not replace the PAX system tires and wheels with conventional tires and wheels. Doing so would disable the PAX system and the tire pressure monitoring system (TPMS), and may void your new vehicle warranty.

#### Important Precautions

- Never use a tire repair agent in a PAX system tire, and never repair a PAX system tire by yourself. Repair or replacement must be done by a Honda dealer or an authorized Michelin PAX system dealer.
- If you must continue driving with a flat tire, follow all the procedures and precautions described on page 392.





Check the condition of the battery monthly by looking at the test indicator window. The label on the battery explains the test indicator's colors. Check the terminals for corrosion (a white or yellowish powder). To remove it, cover the terminals with a solution of baking soda and water. It will bubble up and turn brown. When this stops, wash it off with plain water. Dry off the battery with a cloth or paper towel. Coat the terminals with grease to help prevent future corrosion.

If additional battery maintenance is needed, see your dealer or a qualified technician.

WARNING: Battery posts, terminals, and related accessories contain lead and lead compounds. Wash your hands after handling. If you need to connect the battery to a charger, disconnect both cables to prevent damaging your vehicle's electrical system. Always disconnect the negative (—) cable first, and reconnect it last.

### **AWARNING**

The battery gives off explosive hydrogen gas during normal operation.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield, or have a skilled technician do the battery maintenance.

Maintenance



# **Vehicle Storage**

If you need to park your vehicle for an extended period (more than 1 month), there are several things you should do to prepare it for storage. Proper preparation helps prevent deterioration and makes it easier to get your vehicle back on the road. If possible, store your vehicle indoors.

- Fill the fuel tank.
- Change the engine oil and filter.
- Wash and dry the exterior completely.
- Clean the interior. Make sure the carpeting, floor mats, etc., are completely dry.
- Leave the parking brake off. Put the transmission in Park.

- Block the rear wheels.
- If the vehicle is to be stored for a longer period, it should be supported on jackstands so the tires are off the ground.
- Leave one window open slightly (if the vehicle is being stored indoors).
- Disconnect the battery.
- Support the front and rear wiper blade arms with a folded towel or rag so they do not touch the windshield.
- To minimize sticking, apply a silicone spray lubricant to all door and tailgate seals. Also, apply a vehicle body wax to the painted surfaces that mate with the door and tailgate seals.

- Cover the vehicle with a "breathable" cover, one made from a porous material such as cotton. Non-porous materials, such as plastic sheeting, trap moisture, which can damage the paint.
- If possible, periodically run the engine until it reaches full operating temperature (the cooling fans cycle twice).

  Preferably, do this once a month.



# **Taking Care of the Unexpected**

This section covers the more common problems that motorists experience with their vehicles. It gives you information about how to safely evaluate the problem and what to do to correct it. If the problem has stranded you on the side of the road, you may be able to get going again. If not, you will also find instructions on getting your vehicle towed.

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Michelin PAX System	
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If the Engine Overheats	
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Taking Care of the Unexpected





## **Driving With a Flat Tire**

#### Michelin PAX System

On U.S. Touring models only
Your vehicle is equipped with the
Michelin PAX system. Since each
Michelin PAX system tire has an
inner support ring that allows it to
continue running without air, it may
be difficult to immediately judge
from its appearance if a tire is
punctured. Your vehicle is also
equipped with a tire pressure
monitoring system (TPMS), and this
system may be your first detection of
a flat tire.



The TPMS monitors the air pressure of all four tires whenever the ignition switch is in the ON (II) position. It will immediately sense if a tire starts to lose its pressure, and give you warning with the low tire pressure indicator in the instrument panel and a "CHECK TIRE PRESSURE" message on the multi-information display. If the indicator and the warning message do not come on again after you inflate the tire to its correct air pressure (see page 384),



it was probably a natural loss of the air pressure and you can continue driving as before.

If the indicator and the message come on again, you probably have a flat tire. In this case, you will see a "PAX SYSTEM WARNING" message on the multi-information display.





With the PAX system tires, you can drive up to about 125 miles (200 km) even if one or more of your tires are punctured. This allows you to drive to the nearest Honda dealer or authorized Michelin PAX system dealer to have the tire(s) repaired.

If you get a flat tire, never try to repair it yourself, and never replace a flat tire with a compact spare tire.

Follow the instructions shown on the multi-information display, and drive very carefully.



The above message shows that you are driving your vehicle on a flat tire, and should observe the "RUN FLAT DRIVING" speed limit of 50 mph (80 km/h). Drive to your nearest Honda dealer or authorized Michelin PAX system dealer, or call the PAX help hotline at 1-877-PAXTIRE (1-877-729-8473).



If the display changes to the above message, it means that "RUN FLAT DRIVING" is nearing the limit, and you have to stop driving soon. Take your vehicle to the nearest Honda dealer or authorized Michelin PAX system dealer as soon as possible.

Taking Care of the Unexpected

**CONTINUED** 



## **Driving With a Flat Tire**



If you see the above message on the multi-information display, you have reached the limit of run flat driving, and you should stop driving immediately. Be aware that if you continue to drive, the noise and vibration level from the tire will increase significantly, and the tire may no longer be repairable.

Call a professional towing service who can transport your vehicle on flat-bed equipment. Never tow your vehicle behind another vehicle with a rope or chain. Flat-bed equipment is the best way to transport your vehicle. Your vehicle can also be towed by wheel-lift equipment with the wheels off the ground (see page 418).

Important Safety Precautions
Although your vehicle is capable of
run flat driving, you should always
observe the following:

- Do not drive faster than 50 mph (80 km/h).
- Drive carefully. Your vehicle may handle differently from when the tires are properly inflated, especially when cornering.
- In its run flat mode, a PAX system tire is somewhat noisier than when it is fully inflated, this is normal.

• Stop driving immediately when you see a "RUN FLAT LIMIT STOP DRIVING" message on the multi-information display. Continuous driving after this message will make it impossible to repair the tire.

If you cannot find a Honda dealer or an authorized Michelin PAX system dealer where you are driving, call the PAX help hotline at 1-877-PAXTIRE (1-877-729-8473).



All models except U.S. Touring
Use the compact spare tire as a
temporary replacement only. Get
your regular tire repaired or replaced,
and put it back on your vehicle as
soon as you can.

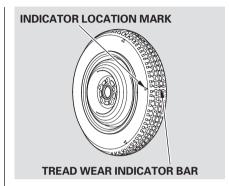
Check the inflation pressure of the compact spare tire every time you check the other tires. It should be inflated to:

60 psi (420 kPa, 4.2 kgf/cm<sup>2</sup>)

Follow these precautions:

- Never exceed 50 mph (80 km/h).
- This tire gives a harsher ride and less traction on some road surfaces. Use greater caution while driving.

- Do not mount snow chains on the compact spare tire.
- Do not use the compact spare tire if you are towing a trailer.
- Do not use your compact spare tire on another vehicle unless it is the same make and model.



Replace the tire when you can see the tread wear indicator bars. The replacement should be the same size and design tire, mounted on the same wheel. The spare tire is not designed to be mounted on a regular wheel, and the spare wheel is not designed for mounting a regular tire.

Taking Care of the Unexpected



All models except U.S. Touring
If you have a flat tire while driving, stop in a safe place to change it.
Drive slowly along the shoulder until you get to an exit or an area that is far away from the traffic lanes.

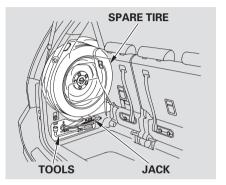
## **AWARNING**

The vehicle can easily roll off the jack, seriously injuring anyone underneath.

Follow the directions for changing a tire exactly, and never get under the vehicle when it is supported only by the jack.

- 1. Park the vehicle on firm, level, and non-slippery ground. Put the transmission in Park. Apply the parking brake.

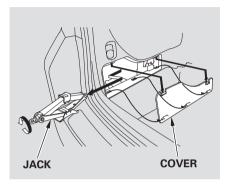
  If you are towing a trailer, unhitch it.
- 2. Turn on the hazard warning lights, and turn the ignition switch to the LOCK (0) position. Have all passengers get out of the vehicle while you change the tire.



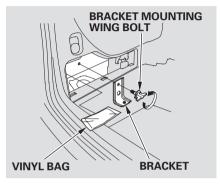
3. Open the tailgate.

The jack is behind a cover in the cargo area on the driver's side, and tools are on the back of the cover. Remove the cover by pushing the tabs down and pulling the cover out.

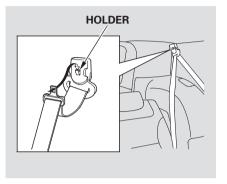




4. Loosen the jack from its holder by turning the end counterclockwise.



5. Remove the bracket from the jack storage area by unscrewing the bracket mounting wing bolt. Remove the vinyl storage bag.

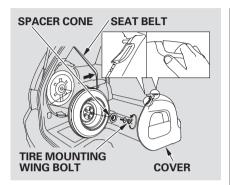


- 6. Move the seat belt out of the way by hanging the latch plate on the holder.
- 7. Fold down the third seat (see page 182).

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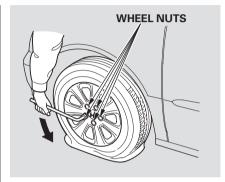
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The spare tire is stored behind the spare tire cover on the sidewall of the cargo area on the driver's side.

- 8. Remove the cover by holding the two handles on the spare tire cover and pulling the cover out.
- 9. Unscrew the tire mounting wing bolt, and take the spare tire out of its holder.

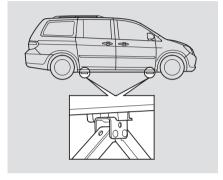


10.If you are changing a rear tire, close the sliding door.

On EX, EX-L and Canadian Touring models

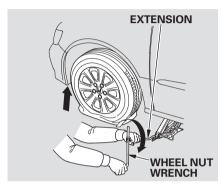
Make sure you also turn off the sliding door main switch.

11.Loosen each wheel nut 1/2 turn with the wheel nut wrench.

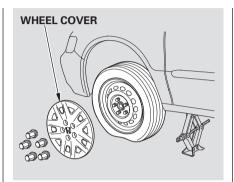


12.Place the jack under the jacking point nearest the tire you need to change. Turn the end bracket clockwise until the top of the jack contacts the jacking point. Make sure the jacking point tab is resting in the jack notch.





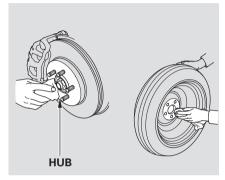
13.Use the extension and the wheel nut wrench as shown to raise the vehicle until the flat tire is off the ground.



14.Remove the wheel nuts, then remove the flat tire. Handle the wheel nuts carefully; they may be hot from driving. Place the flat tire on the ground with the outside surface facing up.

#### On LX model

Do not attempt to forcibly pry the wheel cover off with a screwdriver or other tool. The wheel cover cannot be removed without first removing the wheel nuts.



15.Before mounting the spare tire, wipe any dirt off the mounting surface of the wheel and hub with a clean cloth. Wipe the hub carefully; it may be hot from driving.

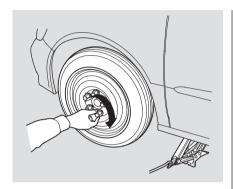
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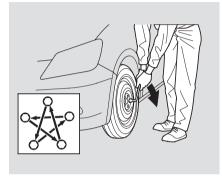


Taking Care of the Unexpected



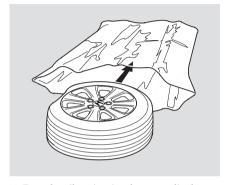


- 16.Put on the spare tire. Put the wheel nuts back on finger-tight, then tighten them in a crisscross pattern with the wheel nut wrench until the wheel is firmly against the hub. Do not try to tighten the wheel nuts fully.
- 17.Lower the vehicle to the ground, and remove the jack.



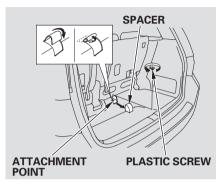
18. Tighten the wheel nuts securely in a crisscross pattern. Have the wheel nut torque checked at the nearest automotive service facility. Tighten the wheel nuts to:

94 lbf·ft (127 N·m, 13 kgf·m)

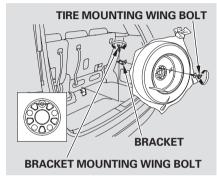


19.Put the flat tire in the supplied vinyl storage bag.





- 20.Return the third seat to an upright position.
- 21. You will find a U-shaped carpet piece behind the seat bottom of the third row seat. Pull up the U-shaped carpet piece, fold it, and tack the end under the carpet. Remove the spacer, and unfasten the plastic screw with a coin.



22.Install the bracket and the bracket mounting wing bolt on the attachment point as shown, and tighten the bolt. Make sure the bracket is securely tightened.

- 23.Install the flat tire on the bracket with the inside of the wheel facing toward you. Install the tire mounting wing bolt to the bracket through one of the five wheel nut holes as shown. Poke a hole in the vinyl bag as needed. Secure the flat tire by tightening the tire mounting wing bolt.
- 24. Store the jack in its holder. To store the jack, align the locator stud in the holder with the hole in the jack base. Turn the jack's end bracket clockwise to lock it in place. Store the tools in the holders on the back of the jack storage cover.

Taking Care of the Unexpected

**CONTINUED** 



25. Store the spacer and the plastic screw in a noticeable place.

Make sure to reinstall the plastic screw after the flat tire is repaired and installed on the vehicle.

- 26. *On LX model*Store the wheel cover in the spare tire storage area.
- 27. Install the spare tire storage cover.

## **AWARNING**

Loose items can fly around the interior in a crash and could seriously injure the occupants.

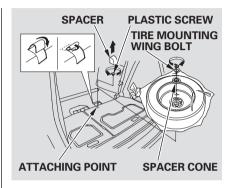
Store the wheel, jack, and tools securely before driving.

#### Storing a Flat Tire on the Folded Third Seat

You can store the flat tire on the top of the folded third seat.

- 1. Pull up the U-shaped carpet piece, fold it, and tack the end under the carpet.
- 2. Remove the spacer, and unfasten the plastic screw with a coin.
- 3. On EX, EX-L and Canadian Touring models
  Remove the center cap before storing the flat tire.

Store the spacer, plastic screw and center cap in a noticeable place.



- 4. Place the flat tire face down on the attachment point. Put the spacer cone on the flat tire as shown.

  Poke holes in the vinyl bag. Secure the flat tire into the attachment point by tightening the tire mounting wing bolt through the center cap hole of the flat tire wheel.
- 5. Follow step 22 through 26 on pages 401 and 402.



Diagnosing why the engine won't start falls into two areas, depending on what you hear when you turn the ignition switch to the START (III) position:

- You hear nothing, or almost nothing. The engine's starter motor does not operate at all, or operates very slowly.
- You can hear the starter motor operating normally, or the starter motor sounds like it is spinning faster than normal, but the engine does not start up and run.

Nothing Happens or the Starter Motor Operates Very Slowly When you turn the ignition switch to the START (III) position, you do not hear the normal noise of the engine trying to start. You may hear a clicking sound, a series of clicks, or nothing at all.

Check these things:

- Check the transmission interlock.
   The transmission must be in Park or neutral or the starter will not operate.
- Turn the ignition switch to the ON (II) position. Turn on the headlights, and check their brightness. If the headlights are very dim or do not come on at all, the battery is discharged. See **Jump Starting** on page 405.

• Turn the ignition switch to the START (III) position. If the headlights do not dim, check the condition of the fuses. If the fuses are OK, there is probably something wrong with the electrical circuit for the ignition switch or starter motor. You will need a qualified technician to determine the problem. See **Emergency Towing** on page 418.

If the headlights dim noticeably or go out when you try to start the engine, either the battery is discharged or the connections are corroded. Check the condition of the battery and terminal connections (see page 389). You can then try jump starting the vehicle from a booster battery (see page 405).

Taking Care of the Unexpected

## If the Engine Won't Start

The Starter Operates Normally In this case, the starter motor's speed sounds normal, or even faster than normal, when you turn the ignition switch to the START (III) position, but the engine does not run.

- Are you using the proper starting procedure? Refer to **Starting the Engine** on page 321.
- Are you using a properly coded key? An improperly coded key will cause the immobilizer system indicator in the instrument panel to blink rapidly (see page 146).
- Do you have fuel? Check the fuel gauge; the low fuel indicator may not be working.
- There may be an electrical problem, such as no power to the fuel pump. Check all the fuses (see page 413).

If you find nothing wrong, you will need a qualified technician to find the problem. See **Emergency Towing** on page 418.



Although this seems like a simple procedure, you should take several precautions.

## **AWARNING**

A battery can explode if you do not follow the correct procedure, seriously injuring anyone nearby.

Keep all sparks, open flames, and smoking materials away from the battery.

You cannot start your vehicle by pushing or pulling it.

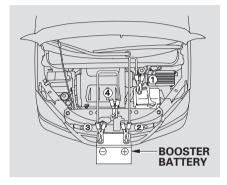
#### To Jump Start Your Vehicle:

1. Open the hood, and check the physical condition of the battery. In very cold weather, check the condition of the electrolyte. If it seems slushy or frozen, do not try jump starting until it thaws.

## NOTICE

If a battery sits in extreme cold, the electrolyte inside can freeze.
Attempting to jump start with a frozen battery can cause it to rupture.

2. Turn off all the electrical accessories: heater, A/C, climate control, audio system, lights, etc. Put the transmission in neutral or Park, and set the parking brake.



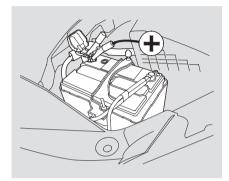
The numbers in the illustration show you the order to connect the jumper cables.

Taking Care of the Unexpecte

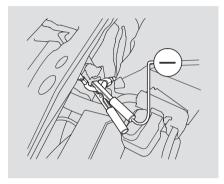
CONTINUED



## **Jump Starting**



3. Connect one jumper cable to the positive (+) terminal on your vehicle's battery. Connect the other end to the positive (+) terminal on the booster battery.



4. Connect the second jumper cable to the negative (—) terminal on the booster battery. Connect the other end to the engine hanger as shown. Do not connect this jumper cable to any other part of the engine.

- 5. If the booster battery is in another vehicle, have an assistant start that vehicle and run it at a fast idle.
- 6. Start the vehicle. If the starter motor still operates slowly, check that the jumper cables have good metal-to-metal contact.
- 7. Once the vehicle is running, disconnect the negative cable from your vehicle, then from the booster battery. Disconnect the positive cable from your vehicle, and then from the booster battery.

Keep the ends of the jumper cables away from each other and any metal on the vehicle until everything is disconnected. Otherwise, you may cause an electrical short.



## If the Engine Overheats

The pointer of the vehicle's temperature gauge should stay in the midrange. If it climbs to the red mark, you should determine the reason (hot day, driving up a steep hill, etc.).

If your vehicle overheats, you should take immediate action. The only indication may be the temperature gauge climbing to or above the red mark. Or you may see steam or spray coming from under the hood.

#### NOTICE

Driving with the temperature gauge pointer at the red mark can cause serious damage to the engine.

## **AWARNING**

Steam and spray from an overheated engine can seriously scald you.

Do not open the hood if steam is coming out.

- 1. Safely pull to the side of the road. Put the transmission in Park, and set the parking brake. Turn off all accessories, and turn on the hazard warning lights.
- 2. If you see steam and/or spray coming from under the hood, turn off the engine. Wait until you see no more signs of steam or spray, then open the hood.

- 3. If you do not see steam or spray, leave the engine running, and watch the temperature gauge. If the high heat is due to overloading, the engine should start to cool down almost immediately. If it does, wait until the temperature gauge comes down to the midpoint, then continue driving.
- 4. If the temperature gauge stays at the red mark, turn off the engine.

Taking Care of the Unexpected

CONTINUED



## If the Engine Overheats

- 5. Look for any obvious coolant leaks, such as a split radiator hose. Everything is still extremely hot, so use caution. If you find a leak, it must be repaired before you continue driving (see **Emergency Towing** on page 418).
- 6. If you do not find an obvious leak, check the coolant level in the radiator reserve tank. Add coolant if the level is below the MIN mark.
- 7. If there was no coolant in the reserve tank, you may need to add coolant to the radiator. Let the engine cool down until the pointer reaches the middle of the temperature gauge, or lower, before checking the radiator.

## **AWARNING**

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.

8. Using gloves or a large heavy cloth, turn the radiator cap counterclockwise, without pushing down, to the first stop. After the pressure releases, push down on the cap, and turn it until it comes off.

- 9. Start the engine, and set the temperature control dial to maximum heat (climate control to AUTO at " ". Add coolant to the radiator up to the base of the filler neck. If you do not have the proper coolant mixture available, you can add plain water. Remember to have the cooling system drained and refilled with the proper mixture as soon as you can.
- 10. Put the radiator cap back on tightly. Run the engine, and check the temperature gauge. If it goes back to the red mark, the engine needs repair (see **Emergency Towing** on page 418).
- 11. If the temperature stays normal, check the coolant level in the radiator reserve tank. If it has gone down, add coolant to the MAX mark. Put the cap back on tightly.



## Low Oil Pressure Indicator, Charging System Indicator

#### Low Oil Pressure Indicator

This indicator should never come on when the engine is running. If it starts flashing or stays on, the oil pressure has dropped very low or lost pressure. Serious engine damage is possible, and you should take immediate action.

#### **NOTICE**

Running the engine with low oil pressure can cause serious mechanical damage almost immediately. Turn off the engine as soon as you can safely get the vehicle stopped.

On Touring models You will also see a "CHECK ENGINE OIL LEVEL" message on the multi-information display (see page 88).

- 1. Safely pull off the road, and shut off the engine. Turn on the hazard warning indicators.
- 2. Let the vehicle sit for a minute. Open the hood, and check the oil level (see page 309). An engine very low on oil can lose pressure during cornering and other driving maneuvers.
- 3. If necessary, add oil to bring the level back to the full mark on the dipstick (see page 360).
- 4. Start the engine, and watch the oil pressure indicator. If it does not go out within 10 seconds, turn off the engine. There is a mechanical problem that needs to be repaired before you can continue driving (see **Emergency Towing** on page 418).

#### **Charging System Indicator**

If the charging system indicator comes on brightly when the engine is running, the battery is not being charged.

On Touring models
You will also see a "CHECK
CHARGING SYSTEM" message on
the multi-information display (see
page 88).

Immediately turn off all electrical accessories. Try not to use other electrically operated controls such as the power windows. Keep the engine running; starting the engine will discharge the battery rapidly.

Go to a service station or garage where you can get technical assistance.

Taking Care of the Unexpected



## Malfunction Indicator Lamp, Readiness Codes

#### **Malfunction Indicator Lamp**

If this indicator comes on while driving, it means one of the engine's emissions control systems may have a problem. Even though you may feel no difference in your vehicle's performance, continued operation may cause serious damage.

If the indicator comes on repeatedly, even though it may turn off as you continue driving, have your vehicle checked by your dealer as soon as possible.

#### NOTICE

If you keep driving with the malfunction indicator lamp on, you can damage your vehicle's emissions controls and engine. Those repairs may not be covered by your vehicle's warranties.

The indicator may also come on with the "D" indicator.

On Touring models
You will also see a "CHECK
EMISSION SYSTEM" message on
the multi-information display (see
page 88).

#### **Readiness Codes**

Your vehicle has certain "readiness codes" that are part of the on-board diagnostics for the emissions systems. In some states, part of the emissions testing is to make sure these codes are set. If they are not set, the test cannot be completed.

If your vehicle's battery has been disconnected or gone dead, these codes are erased. It can take several days of driving under various conditions to set the codes again.

To check if they are set, turn the ignition switch to the ON (II) position without starting the engine. The malfunction indicator lamp will come on for 20 seconds. If it then goes off, the readiness codes are set. If it blinks 5 times, the readiness codes are not set. If possible, do not take your vehicle for a state emissions test until the readiness codes are set. Refer to **State Emissions Testing** for more information (see page 435).



U.S. Canada The brake system indicator normally comes on when you

turn the ignition switch to the ON (II) position, and as a reminder to check the parking brake. It will stay on if you do not fully release the parking brake.

If the brake system indicator comes on while driving, the brake fluid level is probably low. Press lightly on the brake pedal to see if it feels normal. If it does, check the brake fluid level the next time you stop at a service station (see page 369).

On Touring models
You will also see a "BRAKE FLUID
LOW" message on the multiinformation display (see page 88).

If the fluid level is low, take your vehicle to a dealer, and have the brake system inspected for leaks or worn brake pads.

However, if the brake pedal does not feel normal, you should take immediate action. A problem in one part of the system's dual circuit design will still give you braking at two wheels. You will feel the brake pedal go down much farther before the vehicle begins to slow down, and you will have to press harder on the pedal.

On Touring models
You will also see a "CHECK BRAKE
SYSTEM" message on the multiinformation display (see page 88).

Slow down by shifting to a lower gear, and pull to the side of the road when it is safe. Because of the long distance needed to stop, it is hazardous to drive the vehicle. You should have it towed and repaired as soon as possible (see **Emergency Towing** on page 418).

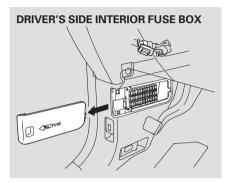
If you must drive the vehicle a short distance in this condition, drive slowly and carefully.

If the ABS indicator and the VSA indicator come on with the brake system indicator, have the vehicle inspected by your dealer immediately.

Taking Care of the Unexpected

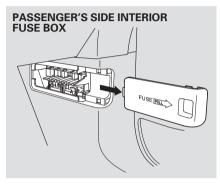


## **Fuses**



The vehicle's fuses are contained in four fuse boxes (three, if the vehicle does not have a rear entertainment system).

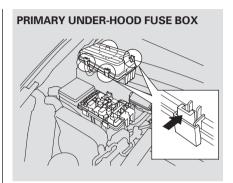
The interior fuse boxes are located under the dashboard on the driver's and passenger's side.

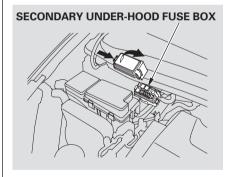


To open the passenger's fuse box, pull the right edge of the cover.

The primary under-hood fuse box is on the passenger's side. To open it, push the tabs as shown.

The secondary under-hood fuse box is behind the primary fuse box.



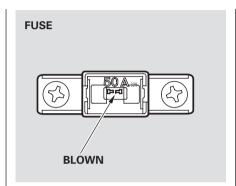




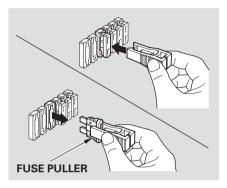
**Checking and Replacing Fuses** 

If something electrical in your vehicle stops working, the first thing you should check for is a blown fuse. Determine from the chart on pages 415 through 416, or the diagram on the fuse box lid, which fuse or fuses control that device. The diagram for the interior driver's side fuse box is on the kick panel below the fuse box. Check those fuses first, but check all the fuses before deciding that a blown fuse is the cause. Replace any blown fuses, and check if the device works.

- 1. Turn the ignition switch to the LOCK (0) position. Make sure the headlights and all other accessories are off.
- 2. Remove the cover from the fuse box.



3. Check each of the large fuses in the primary under-hood fuse box by looking through the top at the wire inside. Removing these fuses requires a Phillips-head screwdriver.



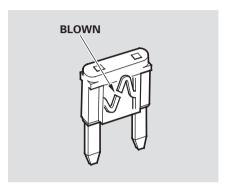
4. Check the smaller fuses in the under-hood fuse box and all the fuses in the interior fuse boxes by pulling out each fuse with the fuse puller provided in the primary under-hood fuse box.

Taking Care of the Unexpected

**CONTINUED** 



#### **Fuses**



5. Look for a blown wire inside the fuse. If it is blown, replace the fuse with one of the spare fuses of the same rating or lower.

If you cannot drive the vehicle without fixing the problem, and you do not have a spare fuse, take a fuse of the same rating or a lower rating from one of the other circuits. Make sure you can do without that circuit temporarily (such as the accessory power socket or radio).

If you replace the blown fuse with a spare fuse that has a lower rating, it might blow out again. This does not indicate anything wrong. Replace the fuse with one of the correct rating as soon as you can.

#### NOTICE

Replacing a fuse with one that has a higher rating greatly increases the chances of damaging the electrical system. If you do not have a replacement fuse with the proper rating for the circuit, install one with a lower rating.

6. If the replacement fuse of the same rating blows in a short time, there is probably a serious electrical problem with your vehicle. Leave the blown fuse in that circuit, and have your vehicle checked by a qualified technician.

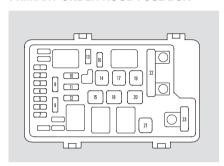
If the driver's power window fuse is removed, the AUTO function of the driver's window will be disabled. You should reset the AUTO feature, (see page 188).

On EX, EX-L and Touring models If the radio fuse is removed, the audio system will disable itself. The next time you turn on the radio you will see "CODE" in the frequency display. Use the preset buttons to enter the five-digit code (see page 256).



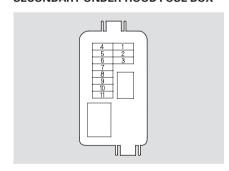
# **Fuse Locations**

#### PRIMARY UNDER-HOOD FUSE BOX



No.	Amps.	Circuits Protected
1	10 A	Left Headlight Low
2	30 A	Rear Defroster Coil
3	10 A	Left Headlight High
4	15 A	Small Lights
5	10 A	Right Headlight High
6	10 A	Right Headlight Low
7	7.5 A	Back Up
8	15 A	FI ECU (PCM)
9	30 A	Condenser Fan
10	_	Not used
11	30 A	Cooling Fan
12	7.5 A	MG Clutch

#### SECONDARY UNDER-HOOD FUSE BOX



No.	Amps.	Circuits Protected
1	_	Not Used
2	40 A	Left Power Sliding Door*
3	40 A	Right Power Sliding Door*
4	40 A	Power Tailgate*
5	20 A	Premium
6	20 A	AC Inverter

No.	Amps.	Circuits Protected
13	20 A	Horn, Stop
14	30 A	Rear Defroster
15	40 A	Back Up, ACC
16	15 A	Hazard
17	30 A	VSA Motor
18	30 A	VSA
19	30 A	Option 1
20	40 A	Option 2
21	40 A	Heater Motor
22	70 A	Passenger's Fuse Box
	120 A	Battery
	50 A	IG1 Main
23	50 A	Power Window Main
	40 A*	

No.	Amps.	Circuits Protected
7	10 A	Fog Light*
8	10 A	ACM
9	_	Not Used
10	_	Not Used
11	7.5 A	Rear Entertainment System*

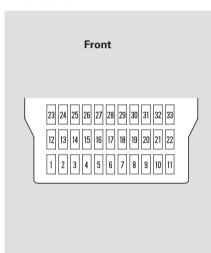
\*: For some types

CONTINUED



# **Fuse Locations**

#### INTERIOR FUSE BOX Driver's Side



No.	Amps.	Circuits Protected	
1	7.5 A	TPMS	
2	15 A	IG Coil	
3	10 A	Daytime Running Light*	
4	15 A	LAF	
5	10 A	Radio	
6	7.5 A	Interior Lights	
7	7.5 A	Back Up	
8	_	Not Used	
9	15 A	Front Accessory Socket	
10	7.5 A	OPDS	
11	30 A	IG Wiper	
12	15 A	Rear Accessory Socket	
13	20 A	Left Power Sliding Door	
		Closer**	
14	20 A	Driver Power Seat Slide**	
15	20 A	Pedal Position Adjustment**	
16	20 A	Dr Power Seat Recline**	
17	20 A	Power Tailgate Closer**	

No.	Amps.	Circuits Protected
18	15 A	IG ACG
19	15 A	IG Fuel Pump
20	10 A	IG Washer
21	7.5 A	IG Meter
22	10 A	IG SRS
23	7.5 A	IGP
24	20 A	Left Rear Power Window
25	20 A	Right Rear Power Window
26	20 A	Passenger's Power Window
27	20 A	Driver's Power Window
28	20 A	Moonroof**
29	_	Not Used
30	10 A	IG HAC
31	15 A	IG SOL
32	10 A	ACC
33	7.5 A	HAC OP

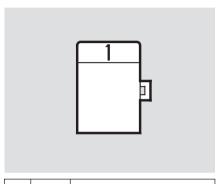
\*: Canadian models

\*\*: For some types



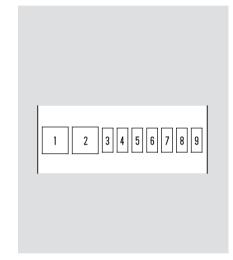
# **Fuse Locations**

# INTERIOR FUSE BOX UPPER AREA Driver's Side



No.	Amps.	Circuits Protected
1	7.5 A	STS

# INTERIOR FUSE BOX Passenger's Side



No.	Amps.	Circuits Protected
1	30 A	Rear Blower
2	_	Not Used
3	15 A	DBW
4	20 A	Door Lock
5	_	Not Used
6	15 A	Heated Seat*
7	7.5 A	Instrument Panel
8	20 A	Right Power Sliding Door
		Closer*
9	15 A	Front Accessory Socket

\*: For some types

Taking Care of the Unexpected



## **Emergency Towing**

If your vehicle needs to be towed, call a professional towing service or organization. Never tow your vehicle with just a rope or chain. It is very dangerous.

There are two ways to tow your vehicle:

Flat-bed Equipment — The operator loads your vehicle on the back of a truck. This is the best way to transport your vehicle.

Wheel-lift Equipment — The tow truck uses two pivoting arms that go under the tires and lift them off the ground. The flat tire side (front or rear) should be lifted by the wheel-lift equipment. The other two tires remain on the ground. This is an acceptable way to tow your vehicle.

If, due to damage, your vehicle must be towed with the front wheels on the ground, do this:

- Release the parking brake.
- Start the engine.
- Shift to D, then to N.
- Turn off the engine.
- Leave the ignition switch in the ACCESSORY (I) position so the steering wheel does not lock.

#### NOTICE

Improper towing preparation will damage the transmission. Follow the above procedure exactly. If you cannot shift the transmission or start the engine, your vehicle must be transported with the front wheels off the ground.

With the front wheels on the ground, it is best to tow the vehicle no farther than 50 miles (80 km), and keep the speed below 35 mph (55 km/h).



## NOTICE

The steering system can be damaged if the steering wheel is locked. Leave the ignition switch in the ACCESSORY (I) position, and make sure the steering wheel turns freely before you begin towing.

## NOTICE

Trying to lift or tow your vehicle by the bumpers will cause serious damage. The bumpers are not designed to support the vehicle's weight.

Taking Care of the Unexpected







# **Technical Information**

The diagrams in this section give you the dimensions and capacities of your vehicle and the locations of the identification numbers. It also includes information you should know about your vehicle's tires and emissions control systems.

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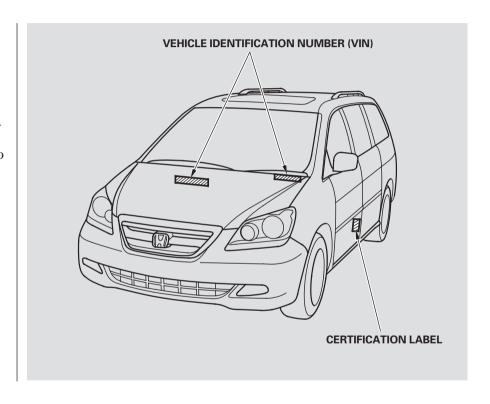
Technical Information



## **Identification Numbers**

Your vehicle has several identifying numbers in various places.

The vehicle identification number (VIN) is the 17-digit number your dealer uses to register your vehicle for warranty purposes. It is also necessary for licensing and insuring your vehicle. The easiest place to find the VIN is on a plate fastened to the top of the dashboard. You can see it by looking through the windshield on the driver's side. It is also on the certification label attached to the driver's doorjamb, and is stamped on the engine compartment bulkhead. The VIN is also provided in bar code on the certification label.

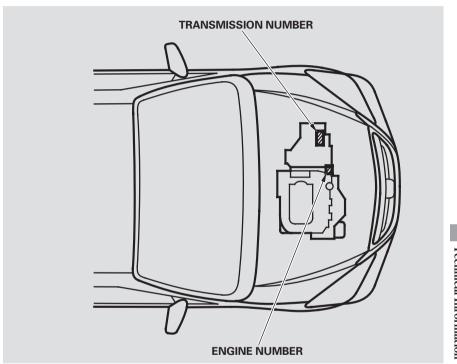




# **Identification Numbers**

The engine number is stamped into the engine block. It is on the front.

The transmission number is on a label on the side of the transmission.



Technical Information



# **Specifications**

#### Dimensions

Length		201.0 in (5,106 mm)
Width		77.1 in (1,958 mm)
Height		68.8 in (1,748 mm)*1
		70.0 in (1,778 mm)*2
Wheelbase	9	118.1 in (3,000 mm)
Track	Front	66.7 in (1,694 mm)
	Rear	66.8 in (1,697 mm)

\*1: LX model

\*2: EX, EX-L and Touring models

Weights

vveignts	
Gross vehicle weight rating	See the tire information label atta-
	ched to the driver's doorjamb.
Gross combined weight	8,410 lbs (3,815 kg)
rating (GCWR)	

Engine

Type	Water cooled 4-stroke SOHC
	VTEC or i-VTEC*, 6-cylinder (V6),
	gasoline engine
Bore x Stroke	3.50 x 3.66 in (89.0 x 93.0 mm)
Displacement	212 cu-in (3,471 cm <sup>3</sup> )
Compression ratio	10.0 : 1
Spark plugs	NGK: IZFR5K-11
	DENSO: PKJ16DR-M11

\* : EX-L and Touring models

**Air Conditioning** 

Refrigerant type	HFC-134a (R-134a)
Charge quantity	24-26 oz (700-750 g)
Lubricant type	ND-OIL8

Capacities

Capacities		
Fuel tank		Approx.
		21 US gal (80 ௰)
Engine	Change*1	1.85 US gal (7.0 ௰)
coolant	Total	2.56 US gal (9.7 ௰)
Engine oil	Change*2	
	Including	4.5 US qt (4.3 Ձ)
	filter	
	Without	4.2 US qt (4.0 Ձ)
	filter	
	Total	5.3 US qt (5.0 Ձ)
Automatic	Change	3.3 US qt (3.1 l)
transmission	Total	8.0 US qt (7.6 Ձ)
fluid		
Windshield	U.S. Vehicles	2.6 US qt (2.5 ℓ)
washer	Canada Vehicles	4.8 US qt (4.5 Ձ)
reservoir		

 $\ensuremath{\$\,1}$  : Including the coolant in the reserve tank and that remaining in the engine

Reserve tank capacity: 0.190 US gal (0.72 l)

\*2: Excluding the oil remaining in the engine



# **Specifications**

#### Liahts

Ligitto		
Headlights	High	12 V - 60 W (HB3)
	Low	12 V - 51 W (HB4)
Fog lights		12 V - 35 W (H8)
Front turn signal lights		12 V - 21 W (Amber)
Front parking/side mark	er	12 V - 1.5 CP (Amber)
lights		
Rear turn signal lights		12 V - 21 W (Amber)
Stop/Taillights		12 V - 21/5 W
Taillights		12 V - 3 CP
Back-up lights		12 V - 21 W
License plate lights		12 V - 5 W
High-mount brake light		12 V - 16 W
Individual map lights	Front	12 V - 5 W
	Rear	12 V - 5 W
Vanity mirror lights		12 V - 2 W
Cargo area light		12 V - 8 W
Door courtesy light		12 V - 3.8 W (2 CP)

#### Batterv

Duttory	
Capacity	12 V - 60 AH/5 HR
	12 V - 72 AH/20 HR

#### Fuses

Interior	Driver's side	See page 416 and 417 or the fuse
		label attached to the dashboard.
	Passenger's side	See page 417 or the fuse label
		attached to the inside of the fuse
		box door under the dashboard.
Under-ho	od	See page 415 or the fuse box
		cover.

#### **Alignment**

Aligii	IIICIIC	
Toe-i	n Front	0.00 in (0.0 mm)
	Rear	0.08 in (2.0 mm)
Camb	oer Front	0°
	Rear	-0°30′
Caste	er Front	2°58′

#### Tires

Tires		
Size	Front/Rear	235/65R16 103T *1
		235-710R460A 104T *2
	Spare	T135/80D17 103M *1
Pressure	Front	33 psi (230 kPa , 2.3 kgf/cm²)
		35 psi (240 kPa , 2.4 kgf/cm²)*3
	Rear	35 psi (240 kPa , 2.4 kgf/cm²)
	Spare	60 psi (420 kPa , 4.2 kgf/cm²) *1

\*1: Except U.S. Touring models

\*2: U.S. Touring model

\*3: EX-L and Canadian Touring models

Technical Information



## **DOT Tire Quality Grading (U.S. Vehicles)**

The tires on your car meet all U.S. Federal Safety Requirements. All tires are also graded for treadwear, traction, and temperature performance according to Department of Transportation (DOT) standards. The following explains these gradings.

#### Uniform Tire Quality Grading Quality grades can be found where applicable on the tire sidewall between the tread shoulder and the maximum section width. For example:

Treadwear 200 Traction AA Temperature A

All passenger car tires must conform to Federal Safety Requirements in addition to these grades.

#### Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

#### Traction -AA, A, B, C

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Warning: The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.



## Temperature -A, B, C

The temperature grades are A (the highest). B. and C. representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

Warning: The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

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# **Tire Labeling**

The tires that came on your vehicle have a number of markings. Those you should be aware of are described below.

#### Tire Size

Whenever tires are replaced, they should be replaced with tires of the same size. Following is an example of tire size with an explanation of what each component means.

### 235/65R16 103T

- 235 Tire width in millimeters.
- 65 Aspect ratio (the tire's section height as a percentage of its width).
- R Tire construction code (R indicates radial).

- 16 Rim diameter in inches.
- 103 Load index (a numerical code associated with the maximum load the tire can carry).
- T Speed symbol (an alphabetical code indicating the maximum speed rating).

### Tire Identification Number

The tire identification number (TIN) is a group of numbers and letters that look like the following example TIN. TIN is located on the sidewall of the tire.

### **DOT B97R FW6X 2202**

- DOT This indicates that the tire meets all requirements of the U.S. Department of Transportation.
- B97R Manufacturer's identification mark.

FW6X — Tire type code.

2202 — Date of manufacture.

## Maximum Tire Pressure

Max Press — The maximum air pressure the tire can hold.

#### Maximum Tire Load

Max Load — The maximum load the tire can carry at maximum air pressure.



## **PAX System Tire Labeling**

U.S. Touring model only
The PAX system tires have different
markings from conventional tire
markings. Following is an example of
PAX system tire size with an
explanation of what each component
means.

### 235-710R460A 104T

- 235 Tire width in millimeters.
- 710 Outside diameter of the tire in millimeters.
- R Tire construction code (R indicates radial)
- 460 Nominal diameter at the rim seat in millimeters.
- A Symmetric

- 104 Load index (a numerical code associated with the maximum load the tire can carry).
- T Speed symbol (an alphabetical code indicating the maximum speed rating).

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# Tire Pressure Monitoring System (TPMS) — Required Federal Explanation

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label.

(If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale



when one or more of your tires is significantly under-inflated.

Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure.

Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.



# Tire Pressure Monitoring System (TPMS) — Required Federal Explanation

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is provided by a separate telltale, which displays the symbol "TPMS" when illuminated.

When the malfunction indicator is illuminated,

TPMS

the system may not be able to detect or signal low tire pressure as intended.

TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

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# **Emissions Controls**

The burning of gasoline in your vehicle's engine produces several by-products. Some of these are carbon monoxide (CO), oxides of nitrogen (NOx), and hydrocarbons (HC). Gasoline evaporating from the tank also produces hydrocarbons. Controlling the production of NOx, CO, and HC is important to the environment. Under certain conditions of sunlight and climate, NOx and HC react to form photochemical "smog." Carbon monoxide does not contribute to smog creation, but it is a poisonous gas.

#### The Clean Air Act

The United States Clean Air Act\* sets standards for automobile emissions. It also requires that automobile manufacturers explain to owners how their emissions controls work and what to do to maintain them. This section summarizes how the emissions controls work. Scheduled maintenance is on page 356.

\* In Canada, Honda vehicles comply with the Canadian emission requirements, as specified in an agreement with Environment Canada, at the time they are manufactured.

### **Crankcase Emissions Control System**

Your vehicle has a positive crankcase ventilation system. This keeps gasses that build up in the engine's crankcase from going into the atmosphere. The positive crankcase ventilation valve routes them from the crankcase back to the intake manifold. They are then drawn into the engine and burned.

## **Evaporative Emissions Control System**

As gasoline evaporates in the fuel tank, an evaporative emissions control canister filled with charcoal adsorbs the vapor. It is stored in this canister while the engine is off. After the engine is started and warmed up, the vapor is drawn into the engine and burned during driving.

# Onboard Refueling Vapor Recovery

The onboard refueling vapor recovery (ORVR) system captures the fuel vapors during refueling. The vapors are adsorbed in a canister filled with activated carbon. While driving, the fuel vapors are drawn into the engine and burned off.





### **Exhaust Emissions Controls**

The exhaust emissions controls include four systems: PGM-FI, ignition timing control, exhaust gas recirculation, and three way catalytic converter. These four systems work together to control the engine's combustion and minimize the amount of HC, CO, and NOx that come out the tailpipe. The exhaust emissions control systems are separate from the crankcase and evaporative emissions control systems.

### PGM-FI System

The PGM-FI system uses sequential multiport fuel injection. It has three subsystems: air intake, engine control, and fuel control. The powertrain control module (PCM) uses various sensors to determine how much air is going into the engine. It then controls how much fuel to inject under all operating conditions.

### **Ignition Timing Control System**

This system constantly adjusts the ignition timing, reducing the amount of HC, CO, and NOx produced.

## Exhaust Gas Recirculation (EGR) System

The exhaust gas recirculation (EGR) system takes some of the exhaust gas and routes it back into the intake manifold. Adding exhaust gas to the air/fuel mixture reduces the amount of NOx produced when the fuel is burned.

## Three Way Catalytic Converter

The three way catalytic converter is in the exhaust system. Through chemical reactions, it converts HC, CO, and NOx in the engine's exhaust to carbon dioxide (CO<sub>2</sub>), nitrogen (N<sub>2</sub>), and water vapor.

## **Replacement Parts**

The emissions control systems are designed and certified to work together in reducing emissions to levels that comply with the Clean Air Act. To make sure the emissions remain low, you should use only new Honda replacement parts or their equivalent for repairs. Using lower quality parts may increase the emissions from your vehicle.

The emissions control systems are covered by warranties separate from the rest of your vehicle. Read your warranty manual for more information

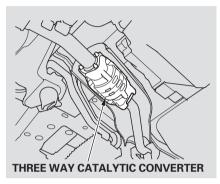
Technical Information



# **Three Way Catalytic Converter**

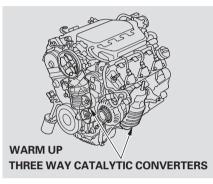
The three way catalytic converters contain precious metals that serve as catalysts, promoting chemical reactions to convert the exhaust gasses without affecting the metals. The catalytic converters are referred to as three-way catalysts, since they act on HC, CO, and NOx. Replacement units must be original Honda parts or their equivalent.

The three way catalytic converter must operate at a high temperature for the chemical reactions to take place. It can set on fire any combustible materials that come near it. Park your vehicle away from high grass, dry leaves, or other flammables.



A defective three way catalytic converter contributes to air pollution, and can impair your engine's performance. Follow these guidelines to protect your vehicle's three way catalytic converter.

• Always use unleaded gasoline. Even a small amount of leaded gasoline can contaminate the catalyst metals, making the three way catalytic converter ineffective.



- Keep the engine well maintained.
- Have your vehicle diagnosed and repaired if it is misfiring, backfiring, stalling, or otherwise not running properly.



## **Testing of Readiness Codes**

If you take your vehicle for a state emissions test shortly after the battery has been disconnected or gone dead, it may not pass the test. This is because of certain "readiness codes" that must be set in the onboard diagnostics for the emissions systems. These codes are erased when the battery is disconnected, and set again only after several days of driving under a variety of conditions.

If the testing facility determines that the readiness codes are not set, you will be requested to return at a later date to complete the test. If you must get the vehicle retested within the next two or three days, you can condition the vehicle for retesting by doing the following.

- Make sure the gas tank is nearly, but not completely, full (around 3/4).
- Make sure the vehicle has been parked with the engine off for 6 hours or more.
- Make sure the ambient temperature is between 40° and 95°F.

- Without touching the accelerator pedal, start the engine, and let it idle for 20 seconds.
- Keep the vehicle in Park. Increase the engine speed to 2,000 rpm, and hold it there until the temperature gauge rises to at least 1/4 of the scale (about 3 minutes).
- Without touching the accelerator pedal, start the engine, and let it idle for 20 seconds.

chnical information

**CONTINUED** 



# **State Emissions Testing**

- Select a nearby lightly traveled major highway where you can maintain a speed of 50 to 60 mph for at least 20 minutes. Drive on the highway in D (A/T). Do not use the cruise control. When traffic allows, drive for 90 seconds without moving the accelerator pedal. (Vehicle speed may vary slightly; this is okay.) If you cannot do this for a continuous 90 seconds because of traffic conditions, drive for at least 30 seconds, then repeat it two more times (for a total of 90 seconds).
- Then drive in city/suburban traffic for at least 10 minutes. When traffic conditions allow, let the vehicle coast for several seconds without using the accelerator pedal or the brake pedal.
- Make sure the vehicle has been parked with the engine off for 30 minutes.

If the testing facility determines the readiness codes are still not set, see your dealer.



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Warranty and Customer Relations



# **Customer Service Information**

Honda dealership personnel are trained professionals. They should be able to answer all your questions. If you encounter a problem that your dealership does not solve to your satisfaction, please discuss it with the dealership's management. The service manager or general manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact your Honda Customer Service Office.

U.S. Owners: American Honda Motor Co., Inc. Automobile Customer Service Mail Stop 500-2N-7A 1919 Torrance Boulevard Torrance, California 90501-2746

Tel: (800) 999-1009

## Canadian Owners: CUSTOMER RELATIONS RELATIONS AVEC LA CLIENTÉLE

Honda Canada Inc. 715 Milner Avenue Toronto, ON M1B 2K8

Tel: 1-888-9-HONDA-9 Fax: Toll-free 1-877-939-0909 Toronto (416) 287-4776

In Puerto Rico and the U.S. Virgin Islands: Vortex Motor Corp. Bella International P.O. Box 190816 San Juan, PR 00919-0816

Tel: (787) 620-7546

When you call or write, please give us this information:

- Vehicle Identification Number (see page 421)
- Name and address of the dealer who services your vehicle
- Date of purchase
- Mileage on your vehicle
- Your name, address, and telephone number
- A detailed description of the problem
- Name of the dealer who sold the vehicle to you



Your new vehicle is covered by these warranties:

New Vehicle Limited Warranty — covers your new vehicle, except for the battery, emissions control systems, and accessories, against defects in materials and workmanship.

Emissions Control Systems Defects Warranty and Emissions
Performance Warranty — these two warranties cover your vehicle's emissions control systems. Time, mileage, and coverage are conditional. Please read your warranty booklet for exact information.

Original Equipment Battery Limited Warranty — this warranty gives up to 100 % credit toward a replacement battery.

Seat Belt Limited Warranty — a seat belt that fails to function properly is covered by a limited warranty. Please read your warranty booklet for details.

#### Rust Perforation Limited Warranty

— all exterior body panels are covered for rust-through from the inside for the specified time period with no mileage limit.

Accessory Limited Warranty — Honda accessories are covered under this warranty. Time and mileage limits depend on the type of accessory and other factors. Please read your warranty booklet for details.

Replacement Parts Limited
Warranty — covers all Honda
replacement parts against defects in
materials and workmanship.

Replacement Battery Limited Warranty — provides prorated coverage for a replacement battery purchased from your dealer.

Replacement Muffler Lifetime Limited Warranty — provides coverage for as long as the purchaser of the muffler owns the vehicle.

Restrictions and exclusions apply to all these warranties. Please read the 2007 Honda warranty information booklet that came with your vehicle for precise information on warranty coverages. Your vehicle's original tires are covered by their manufacturer. Tire warranty information is in a separate booklet.

# Canadian Owners

Please refer to the 2007 warranty manual that came with your vehicle.

Warranty and Customer Relations



# Reporting Safety Defects (U.S. Vehicles)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying American Honda Motor Co., Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or American Honda Motor Co., Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://www.safercar.gov; or write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590. You can also obtain other information about motor vehicle safety from http://www.safercar.gov.



# **Authorized Manuals**

## Purchasing Factory Authorized Manuals (U.S. only)

The publications shown below can be purchased from Helm Incorporated. You can order in any of three ways:

- Detach and mail the order form on the right half of this page
- Call Helm Inc. at 1-800-782-4356 (credit card orders only)
- Go online at www. helminc. com

If you are interested in other years or models, contact Helm Inc. at 1-800-782-4356.

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31SHJ800	2007 Honda Odyssey	\$29.00
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	Quick Start Guide	
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# **Authorized Manuals**

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### Service Manual:

This manual covers maintenance and recommended procedures for repair to engine and chassis components. It is written for the journeyman mechanic, but is simple enough for most mechanically-inclined owners to understand.

# **Electrical Troubleshooting Manual:**

This manual complements the service manual by providing in-depth troubleshooting information for each electrical circuit in your vehicle.

# **Body Repair Manual:**

This manual describes the procedures involved in the replacement of damaged body parts.



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\*: U.S. only

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# **Service Information Summary**

#### Gasoline:

Unleaded gasoline, pump octane number of 87 or higher.

# **Fuel Tank Capacity:**

21 US gal (80 l)

## **Recommended Engine Oil:**

API Premium grade 5W-20 detergent oil (see page 361).

Oil change capacity (including filter):

4.5 US qt (4.3 l)

#### **Automatic Transmission Fluid:**

Honda ATF-Z1 (Automatic Transmission Fluid) preferred, or a DEXRON® III ATF as a temporary replacement (see page 368).

## **Power Steering Fluid:**

Honda Power Steering Fluid preferred, or another brand of power steering fluid as a temporary replacement. Do not use ATF (see page 370).

#### **Brake Fluid:**

Honda Heavy Duty Brake Fluid DOT 3 preferred, or a DOT 3 or DOT 4 brake fluid as a temporary replacement (see page 369).

### Tire Pressure (measured cold):

LX, EX, and U.S. Touring models: Front:

33 psi (230 kPa , 2.3 kgf/cm²) Rear:

35 psi (240 kPa, 2.4 kgf/cm<sup>2</sup>)

EX-L and Canadian Touring models:

Front:

35 psi (240 kPa , 2.4 kgf/cm²) Rear:

35 psi (240 kPa, 2.4 kgf/cm<sup>2</sup>)

Compact Spare Tire: 60 psi (420 kPa, 4.2 kgf/cm²)

